HITACHI

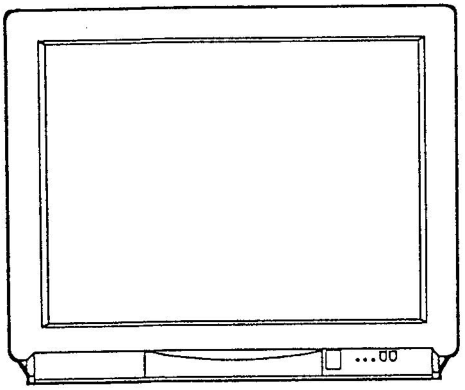
YK | No. 0477E

CMT2998V-PX-981

SERVICE MANUAL

MULTI SYSTEM

A3P-B2 Chassis



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CAUTION: This Service Manual describes only points changed from the color TV CMT2998VP-081 (No. 0476E). When servicing this model, refer to the CMT2998VP-081 (No. 0476E) Service manuals for other items.

+ 2559

TECHNICAL SPECIFICATIONS

Reception system	625-lines B.G/I/D.K/H PAL B.G/D.K/K' SECAM NTSC50 525-lines M/NTSC NTSC3.58-5.5/6.0/6.5 NTSC4.43-5.5/6.0/6.5 PAL60	Antenna input	75Ω unbalanced type
		Color picture tube	A68KSA30X
		Speaker	10φ×2, tweeter×2
		Sound output	12W×2
		Power supply	AC110V/127V/220V 50Hz/60Hz (Usable range:100～280V)
Channel coverage (Frequency range 48MHz~294MHz 470MHz~863MHz)	CCIR : E2~12, E21~69, 01~3, S1~10, S11~20 OIRT : R1~12, R21~69 JAPAN : J1~12, J13~62 U.S.A. : US2~13, J~W, US14~69 Hong Kong, U.K. : UK21~69 China : C1~12, C13~57 Australia : AU0~12, AU28~69	Power consumption	165W
		Weight (kg)	41.5
		Dimensions W×H×D (cm)	67.9×56.6×48.4
		Country of manufacture	Japan

※ Specifications are subject to change without notice to improve performance.

SPECIFICATIONS AND PARTS ARE SUBJECT TO CHANGE FOR IMPROVEMENT.

COLOR TELEVISION

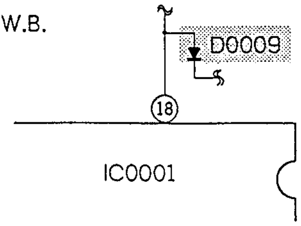
June 1995

Information & Image Systems Division
Yokohama Operation

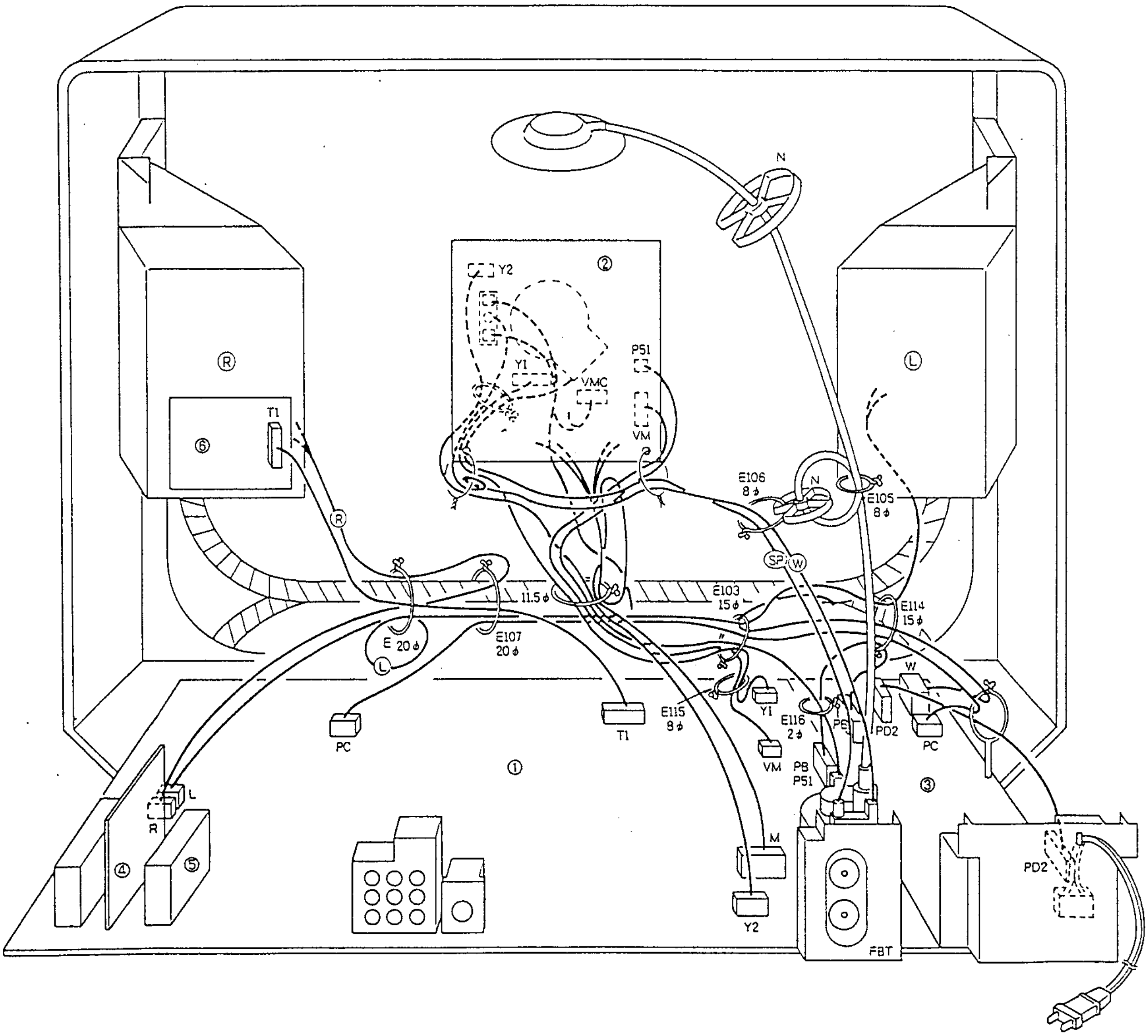
CHANGED CIRCUIT DIAGRAM

Circuit diagram of the different section.
The shaded section shows the parts added from the CMT2998VP-081.

- MAIN P.W.B.


D0009
⑱
IC0001

WIRING DIAGRAM


N
②
Y2
Y1
VMC
P51
VM
Ⓡ
Ⓛ
T1
⑥
Ⓡ
E106
8ϕ
E105
8ϕ
SP
W
11.5ϕ
E103
15ϕ
E114
15ϕ
E
20ϕ
Ⓛ
E107
20ϕ
W
PC
T1
E115
8ϕ
Y1
E116
2ϕ
P6
PD2
PC
VM
P8
P51
①
③
L
R
④
⑤
M
Y2
FBT
PD2

1	MAIN P.W.B.
2	CPT P.W.B.
3	POWER OUTPUT P.W.B.
4	IF P.W.B.
5	NICAM unit
6	TELETEXT P.W.B.

REPLACEMENT PARTS LIST
(Difference Parts Only)

PRODUCT SAFETY NOTE : Components marked with a ⚠ have special characteristics important to safety. Before replacing any of there components, read carefully, the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver through improper servicing.

ABBREVIATIONS
Capacitors········CD:Ceramic Disk, PF:Polyester Film, EL:Electrolytic, PP:Polypropylene, PR:Paper, TA:Tantalum, TM:Trimer.
Resistors·········CF:Carbon film, WW:Wire Would, FR:Fuse Resistor, MG:Metal Glazzed, VR:Variable resistor, CC:Carbon Composition, MF:Metal Oxide Film.
Semiconductors····TR:Transistor, DI:Diode, ZD:Zener Diode, VA:Varistor, TH:Thermistor.

SYMBOL NO.	PART NO.	DESCRIPTION	CMT2998	
			VP-081	V-PX-981
	4159411	3X8 KNURL TAPPING SCREW	○	—
	4519512	TAPPING SCREW 4X16 MM	○	—
	4520881	M3X8 SCREW WITH WASHER	○	—
	QD01271	BACK COVER ASS'Y	—	○
	QD01272	BACK COVER ASS'Y	○	—
	QD01737	FRAME ASS'Y	○	—
	QD01738	FRAME ASS'Y	—	○
C1322	0800291	CAPACITOR ELECTROLYTIC 10MF 16V	○	—
C3040	0800326	CAPACITOR ELECTROLYTIC 100MF 16V	○	—
C3040	0800361	CAPACITOR ELECTROLYTIC 1000MF 16V	—	○
C351	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	○	—
C956	0254510	EL 2200MF 16V	—	○
C956	0285224	EL 2200MF 25V	○	—
D0009	23383211	DI 1SS270	—	○
D0014	23383211	DI 1SS270	○	—
E006	EP00001	COUPLER	—	○
E102	3731081	PURSE LOCK 10	○	—
E108	3731081	PURSE LOCK 10	○	—
E900	2971061	POWER SUPPLY CORD	—	○
E900	2971171	POWER SUPPLY CORD	○	—
FB904	2123462M	FERRITE BEADS CORE	○	—
IC0001	CP00921	IC M37204MC-852SP	○	—
IC0001	CP00922	IC M37204MC-853SP	—	○
IC902	2004761	IC TLP631	—	○
IC902	CZ00052	IC TLP633 (GB)	○	—
N9001	4520883	M3X12 SCREW WITH WASHER	○	—
Q954	2315931	TRANSISTOR 2SB1548A-P	○	—
Q954	2315933	TRANSISTOR 2SB1548A-P/Q (HCPS)(YOKOHAMA)	—	○
Q955	2320647	TR 2SC1213 C/D	—	○
Q955	2320665	TRANSISTOR 2SC1213A(D R)	○	—
R1342	0700042	RESISTOR,CARBON FILM 1.2K OHM +-5% 1/16W	○	—
R5012	0700057	RESISTOR,CARBON FILM 18K OHM +-5% 1/16W	○	—
R5013	0700027	RESISTOR,CARBON FILM 100 OHM +-5% 1/16W	—	○
R5013	0700049	RESISTOR,CARBON FILM 4.7K OHM +-5% 1/16W	○	—
R957	0110137	MF 470 OHM +-5% 1W	—	○
R957	0110229	MF 220 OHM +-5% 2W	○	—
U0001	HL00141	REMOTE CONTROL TRANSMITTER CLE-905	—	○
U0001	HL00171	REMOTE CONTROL TRANSMITTER CLE-908	○	—
U001	2428731	TUNER ET-575SC	—	○
U001	2428732	TUNER ET-575AC	○	—
U4801	2575651	NICAM UNIT	○	—

HITACHI

SERVICE MANUAL

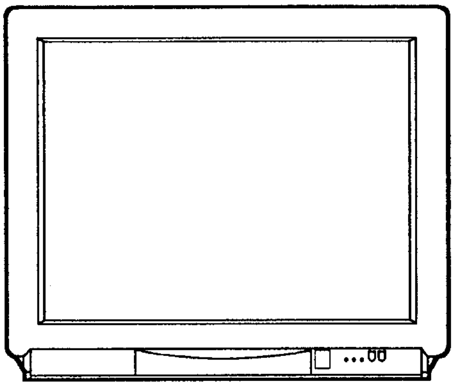
MULTI SYSTEM

YK No. 0476E

CMT2998VP-081

A3P-B2 Chassis

HITA-02559



CAUTION: Before servicing this chassis, it is important that the service technician reads the "Safety Precaution" and "Product Safety Notices" in this Service Manual.

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SPECIFICATIONS AND PARTS ARE SUBJECT TO CHANGE FOR IMPROVEMENT.

COLOR TELEVISION

May 1995

Information & Image Systems Division
Yokohama Operation

2559

SAFETY PRECAUTIONS

WARNING: Since the chassis of this receiver is connected to one side of the Mains Supply during operation, service should not be attempted by anyone unfamiliar with the precautions necessary when working on this type of equipment.
The following precautions should be observed.

1. Do not install, remove, or handle the picture tube in any manner unless shatter-proof goggles are worn. People not so equipped should be kept away while picture tubes are handled. Keep picture tube away from the body while handling.
2. When replacing chassis in the cabinet, all the protective devices are put back in place, such as; barriers, non-metallic knobs, adjustment and compartment cover or shields, isolation resistors-capacitors, etc.
3. When service is required, observe the oritinal lead dress. Extra care should be taken no assure correct lead dress in the high voltage circuitry area.
4. Always use the manufacturer's replacement component. Especially critical components as indicated on the circuit diagram should not be replaced by other makes. Furthermore where a short circuit has occurred, replace those components that indicate evidence of overheating.
5. Before returning a serviced receiver to the customer, the service technician must thoroughtly test the unit to be certain that it is completely safe to operate without danger of electrical shock, and be sure that no protective device built into the instrument by the manufacturer has become defective, or inadvertenly defeated during servicing. Therefore, the following checks are recommended for the continued protection of the customers and service technicians.

INSULATION

Insulation resistance between the mains poles and any accessible metal parts should not be less than 7MΩ at 500V DC. Also, no flashover or breakdown should occur during the dielectric strength test, to apply 4KV AC for one minute between the mains poles and any accessible metal parts.

X-RADIATION

TUBES: The primary source of X radiation in this receiver is the picture tube. The tube utilized in this chassis is specially constructed to limit X radiation.
For continued X radiation protection, the replacement tube must be the same type as the original, HITACHI approved type.

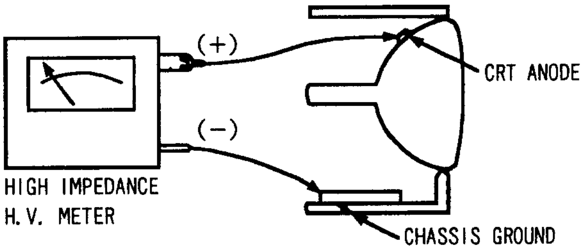
High Voltage

This receiver is provided with a hold down circuit for clearly indicating that voltage has increased in excess of a predetermined value. Comply with all notes described in this Service Manual regarding this hold down circuit when servicing, so that this hold down circuit is operated correctly.

Serviceman Warning

With minimum Black Level and Picture, the operating high voltage in this receiver is lower than 33.0kV. In case any component having influence on the high voltage is replaced, confirm that high voltage with minimum Brightness and contrast is lower than 33.0kV.
To measure H.V. use a high impedance H.V. meter.
Connect (−) to chassis earth and (+) to the CRT anode button. (See the following connection diagram).

NOTE: Turn the power switch off without fail before the connection to the Anode button is made.



PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in HITACHI television receiver have special safety related characteristics. These characteristics are often not evident from visual inspection nor can be protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this Service Manual.
Electrical components having such features are identified by marking with a ⚠ mark in the schematics and on the replacement parts list in this Service Manual. The use of a substitute replacement component which does not have the same safety characteristics as the HITACHI recommended replacement one shown in the parts list in this Service Manual, may create electrical shock, fire, X radiation, or other hazards.
Product Safety is continuously under review and new instructions are issued from time to time. For the latest information, always consult the current HITACHI Service Manual.
A subscription to, or additional copies of, HITACHI Service Manual may be obtained at a nominal charge from your HITACHI SALES CORPORATION.

TECHNICAL CAUTIONS

High voltage limiter circuit operation check

1. Connect the high voltage voltmeter between the CPT anode (anode cap) and GND (CPT grounding lead).
2. Receive the broadcast signal and set the brightness and contrast VRs to max. Set the beam current to 1.50mA±10. (After cut-off adjustment)
3. Set the AC input voltage to 220±3V.
4. Check that the constant high voltage is 28.0±1.0kV at this time.
5. Turn the switch of the set to off and connect the jig shown in Fig.3 at both ends of R956 as shown in Fig.1.
6. With the brightness and contrast VRs left as set in item.2 and with the AC input voltage stabilized at 220V, turn the picture disappears with a high voltage of 32.5kV or less.
7. Turn the switch of the set to off immediately after the check is completed.
8. Remove the adjust jigs and high voltage voltmeter.

NOTE: When connecting disconnecting the high voltage voltmeter to from the anode cap, be sure to turn the switch of the set off and do it after the residual high voltage is discharged to the chassis because the high voltage may remain at the anode cap.

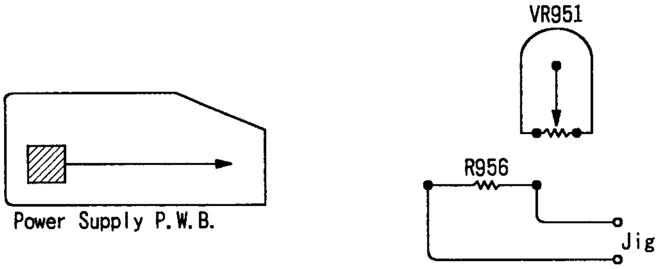


Fig. 1

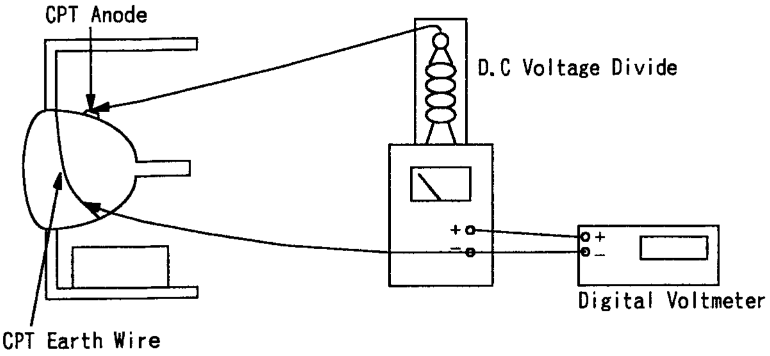


Fig. 2

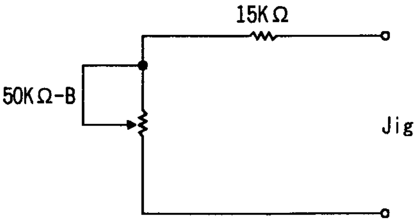


Fig. 3

TECHNICAL SPECIFICATIONS

Reception system	625-lines B.G/I/D.K/H PAL B.G/D.K/K' SECAM NTSC50 525-lines M/NTSC NTSC3.58-5.5/6.0/6.5 NTSC4.43-5.5/6.0/6.5 PAL60	Antenna input	75Ω unbalanced type
		Color picture tube	A68KSA30X
		Speaker	10φ×2, tweeter×2
		Sound output	12W×2
		Power supply	AC200V-240V 50Hz/60Hz
Channel coverage (Frequency range 48MHz~294MHz 470MHz~863MHz)	CCIR : E2~12, E21~69, 01~3, S1~10, S11~20 OIRT : R1~12, R21~69 JAPAN : J1~12, J13~62 U.S.A. : US2~13, J~W, US14~69 Hong Kong, U.K. : UK21~69 China : C1~12, C13~57 Australia : AU0~12, AU28~69	Power consumption	165W
		Weight (kg)	41.5
		Dimensions W×H×D (cm)	67.9×56.6×48.4
		Country of manufacture	Japan

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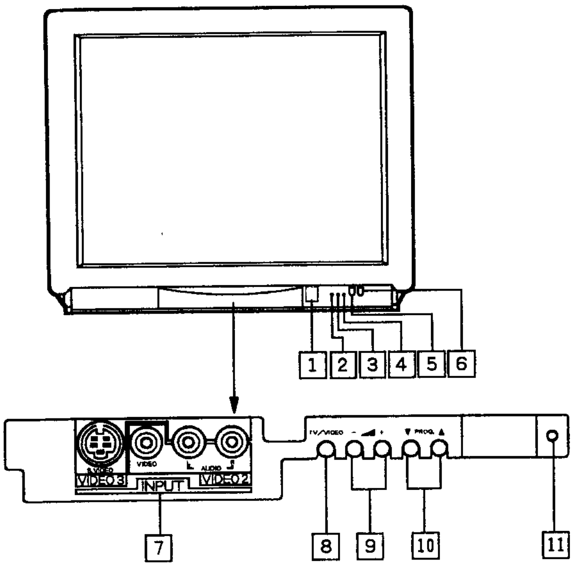
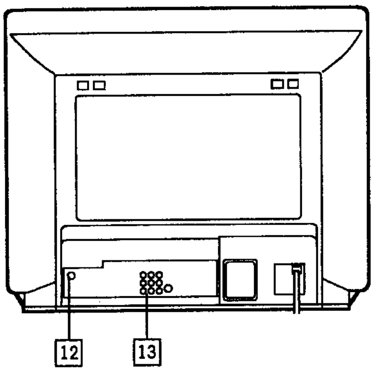
CONTROLS

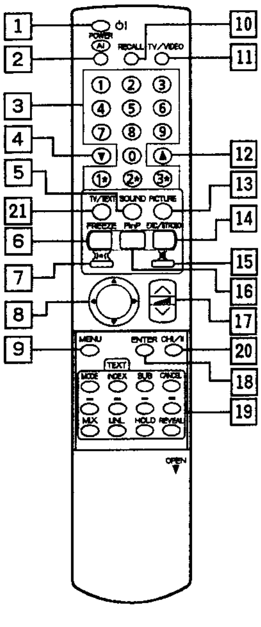

1
2
3
4
5
6
S-VIDEO
VIDEO
L AUDIO R
VIDEO 3
INPUT
VIDEO 2
TV/VIDEO
PROG.
7
8
9
10
11

1	Power ON/OFF switch
2	Power/Stand-by indicater
3	TIMER indicater
4	AI indicater
5	AI receiver
6	Remote control receiver
7	AV IN terminals
8	Input select button
9	Volume up/down buttons
10	Program up/down buttons(▲, ▼)
11	Demonstration button



12	Antenna input terminal
13	AV IN/OUT terminals

REMOTE CONTROL TRANSMITTER

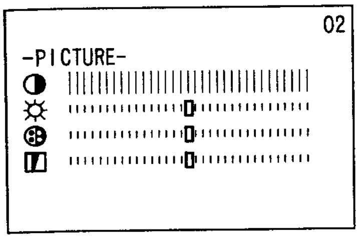

1
2
3
4
5
21
6
7
8
9
10
11
12
13
14
15
16
17
20
18
19
POWER
AI
RECALL
TV/VIDEO
TV/TEXT
SOUND
PICTURE
FREEZE
PinP
EXC/STROBO
MENU
ENTER
CH I/II
TEXT
MODE
INDEX
SUB
CANCEL
MIX
UNL
HOLD
REVEAL
OPEN

1	Power ON/OFF
2	AI
3	Program selector
4	Program down(CH▼)
5	Sound
6	Freeze
7	Surround
8	Cursor(▲, ▼, ◀, ▶)
9	Menu
10	Recall
11	Input select
12	Program up(CH▲)
13	Picture
14	Exchange/Strobo
15	Mute
16	P in P
17	Volume up/down
18	Enter
19	Teletext
20	CH I/II
21	TV/TEXT

ADJUSTMENT USING THE REMOTE CONTROL TRANSMITTER

Three adjustments, PAL-phase, sub-brightness and shoot balance, are performed using the remote control transmitter.

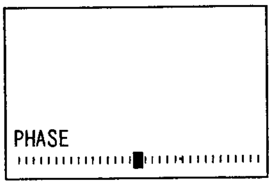
① Select the PICTURE screen using the MENU and ENTER buttons.

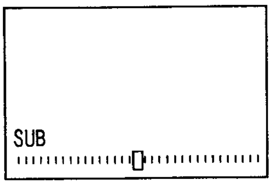


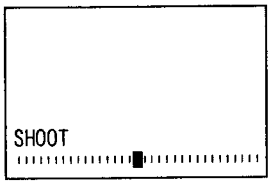
② Select the required adjustment item by the following operations.

(i)PAL-phase
  Press the ⑨ button twice.
(ii)Sub-brightness
  Press the ⑨ and ⑧ buttons.
(iii)Shoot balance
  Press the ⑨ and ⑦ buttons.

③ Adjust using the ◀/▶ cursor button.

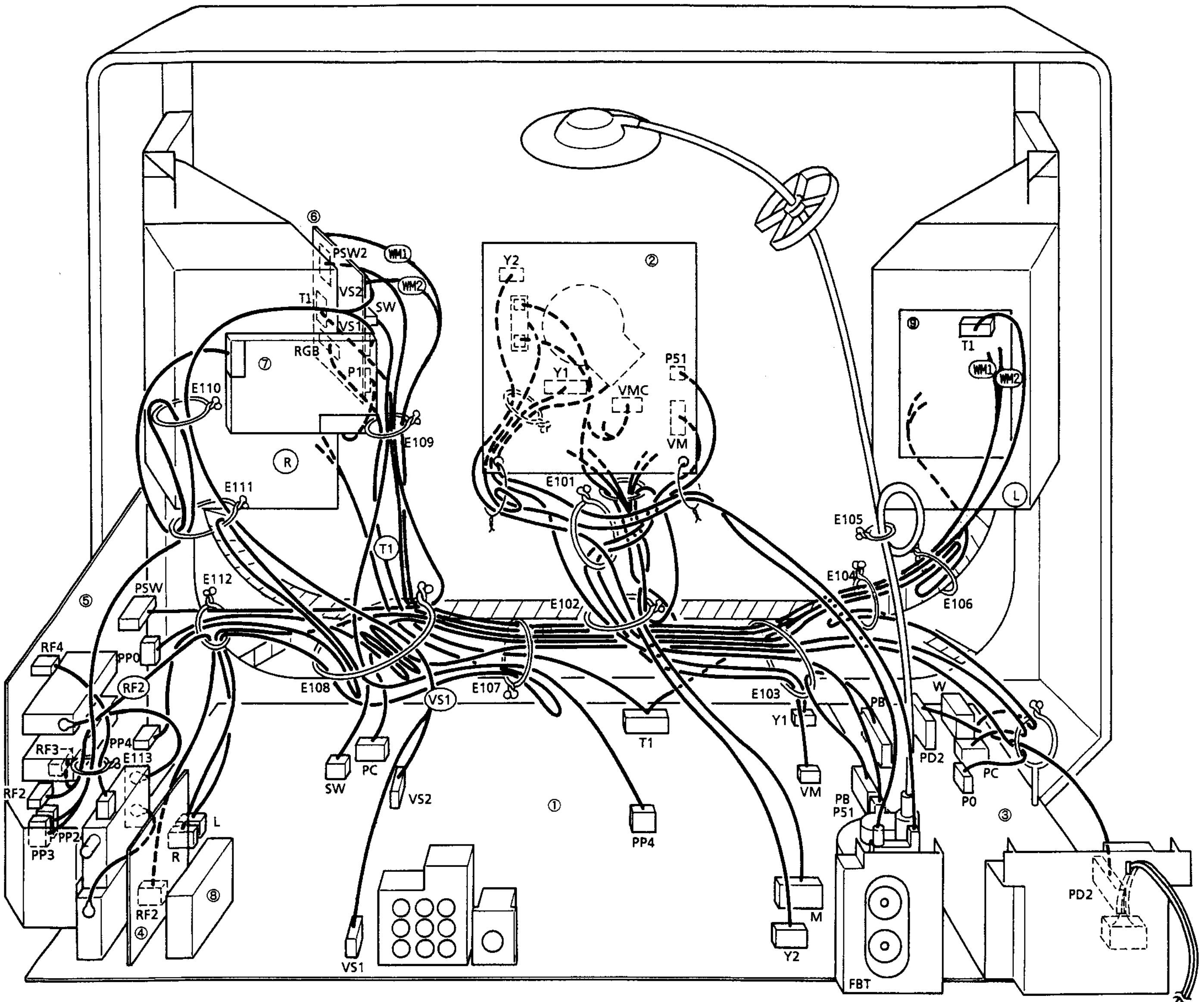






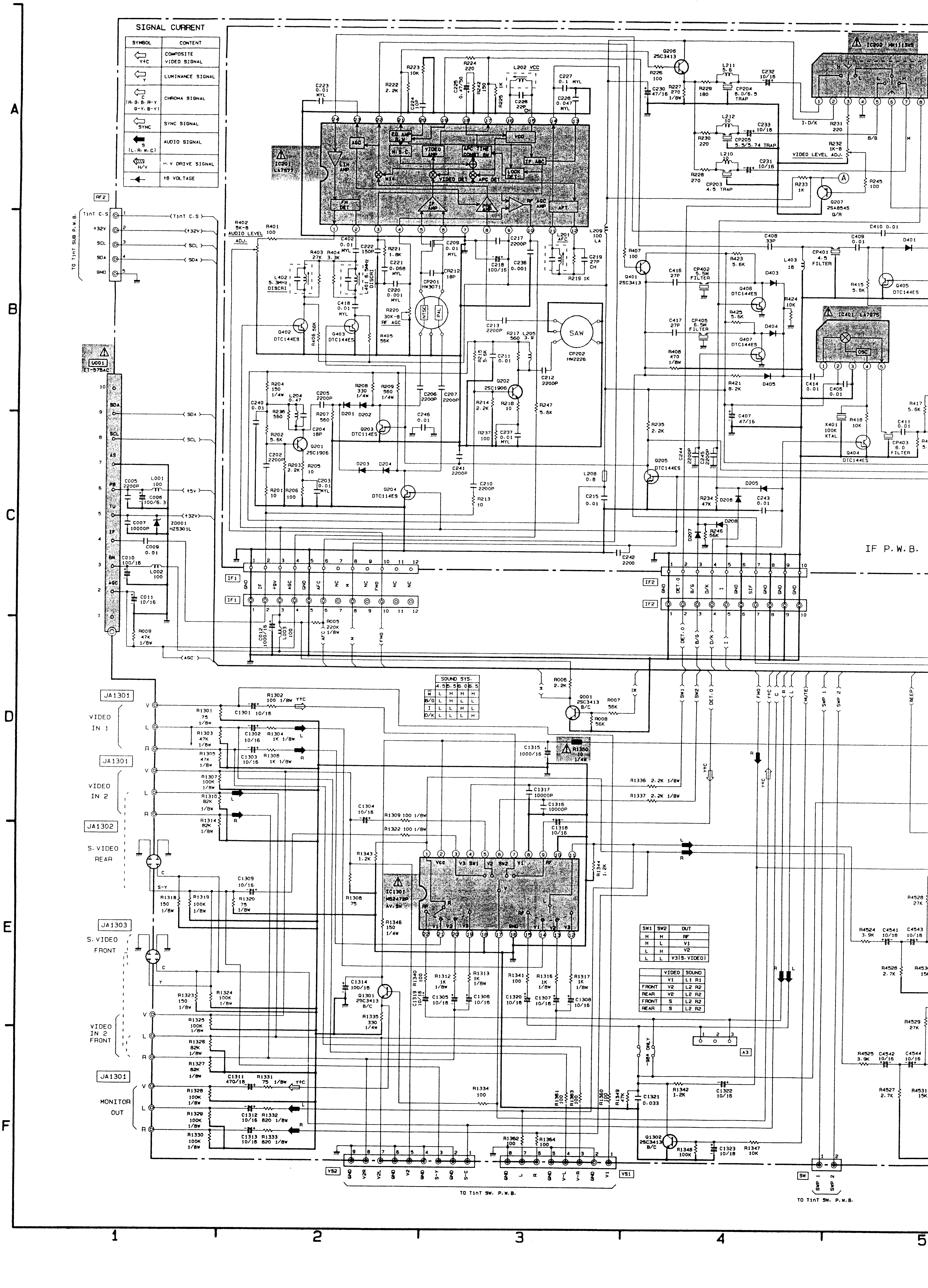
After the adjustment is completed, press the MENU button to return to the normal picture screen.

WIRING DIAGRAM


⑥
PSW2
WM1
VS2
WM2
T1
SW
VS1
RGB
P1
⑦
E110
E109
Ⓡ
E111
T1
E112
PSW
⑤
RF4
PP0
RF2
RF3
PP4
E113
RF2
PP2
PP3
L
R
RF2
④
⑧
E108
VS1
E107
SW
PC
VS2
VS1
①
Y2
②
Y1
P51
VMC
VM
E101
E102
T1
PP4
E103
Y1
VM
M
Y2
FBT
PB
P51
PB
W
PD2
PC
P0
③
PD2
⑨
T1
WM1
WM2
Ⓛ
E105
E104
E106

1	POWER OUTPUT P.W.B.
2	CPT P.W.B.
3	MAIN P.W.B.
4	IF P.W.B.
5	TinT SUB P.W.B.
6	TinT SWITCH P.W.B.
7	TinT unit
8	NICAM unit
9	TELETEXT P.W.B.

MAIN P.W.B. (1/2)/IF P.W.B.



SIGNAL CURRENT

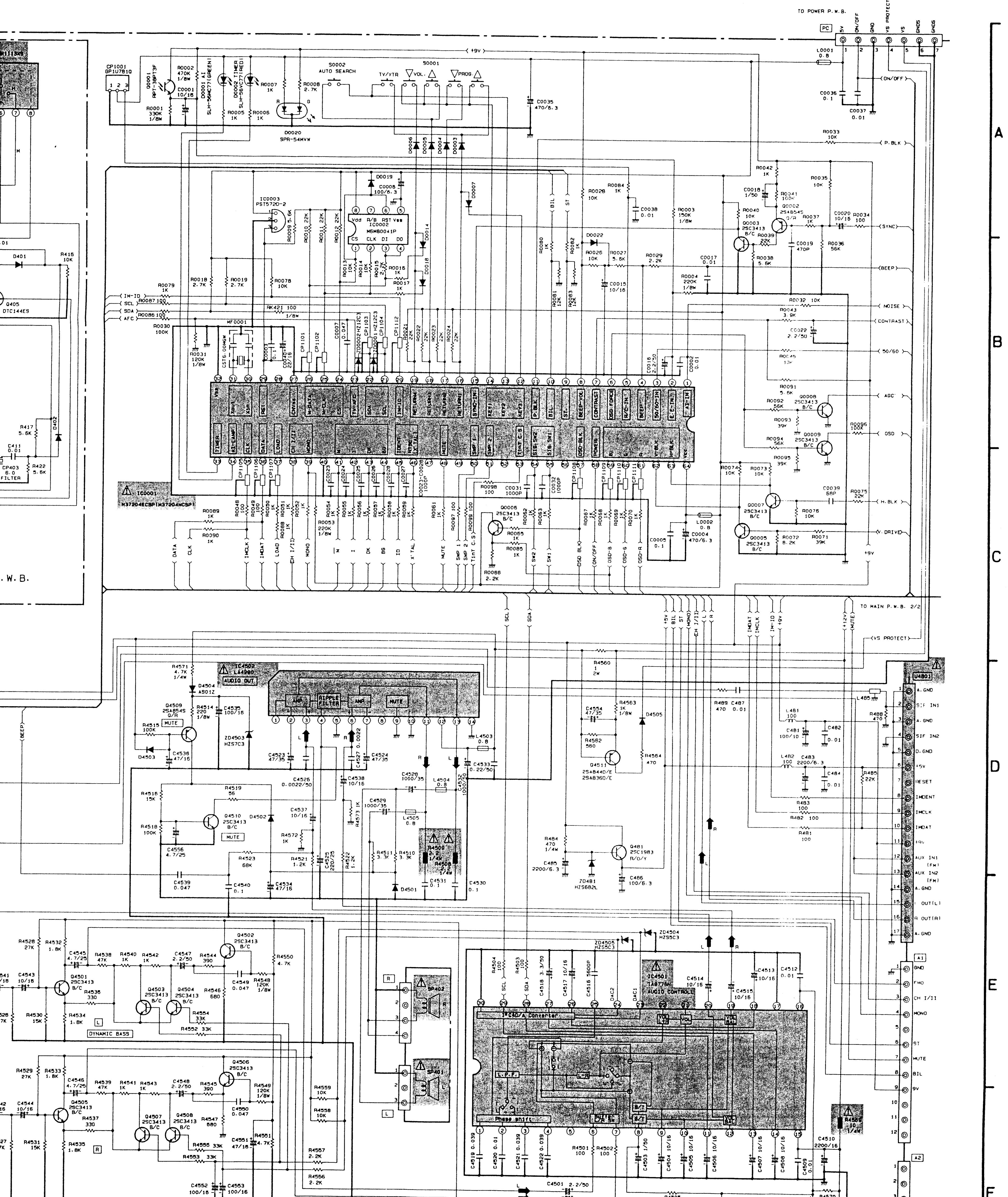
SYMBOL	CONTENT
⇦ Y+C	COMPOSITE VIDEO SIGNAL
⇦ Y	LUMINANCE SIGNAL
⇦ C (R, G, B, R−Y G−Y, B−Y)	CHROMA SIGNAL
⇦ SYNC	SYNC SIGNAL
⬅ S (L, R, W, C)	AUDIO SIGNAL
⇦ H/V	H, V DRIVE SIGNAL
◀	+B VOLTAGE

	SOUND SYS.			
	4.5	5.5	6.0	6.5
M̄	L	H	H	H
B/G	L	H	L	L
I	L	L	H	L
D/K	L	L	L	H

SW1	SW2	OUT
H	H	RF
H	L	V1
L	H	V2
L	L	V3(S.VIDEO)

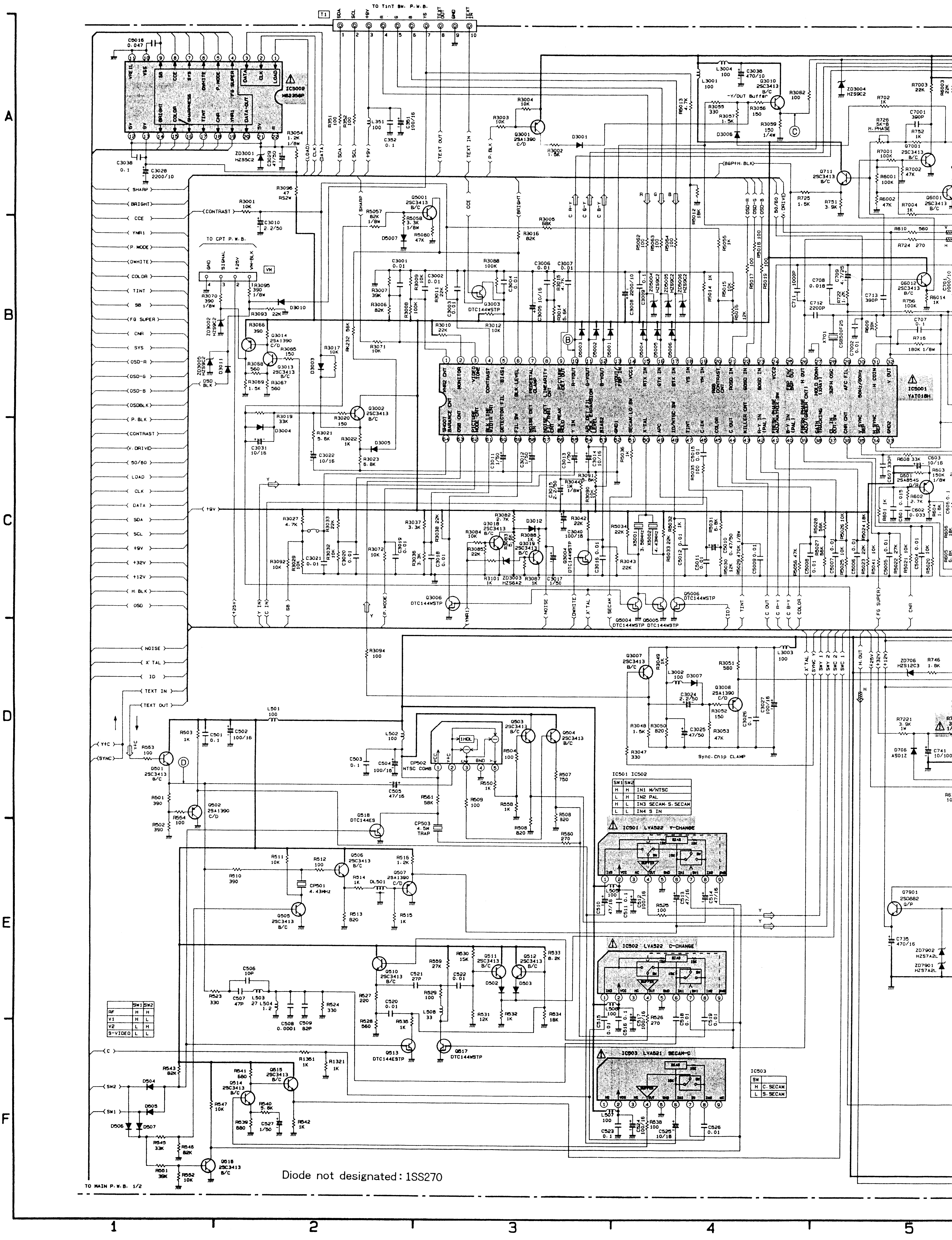
	VIDEO	SOUND
	V1	L1 R1
FRONT	V2	L2 R2
REAR	V2	L2 R2
FRONT	S	L2 R2
REAR	S	L2 R2

A
B
C
D
E
F
1
2
3
4
5
RF2
TO TinT SUB P.W.B.
TinT C.S
+32V
SCL
SDA
GND
IC201 LA7577
IC202 MM1136S
IC401 LA7675
U001 ET-575AC
SAW
CP202 HW2226
CP201 HW3071
NTSC
PAL
R402 5K-B AUDIO LEVEL ADJ.
R220 30K-B RF AGC
R232 1K-B VIDEO LEVEL ADJ.
L402 5.3MHz DISCRI
L401 6.5MHz DISCRI
CP204 6.0/6.5 TRAP
CP205 5.5/5.74 TRAP
CP203 4.5 TRAP
CP401 4.5 FILTER
CP402 5.5M FILTER
CP405 6.5M FILTER
CP403 6.0 FILTER
X401 100K XTAL
Q208 2SC3413
Q207 2SA854S
Q401 2SC3413
Q402 DTC144ES
Q403 DTC144ES
Q201 2SC1906
Q202 2SC1906
Q203 DTC114ES
Q204 DTC114ES
Q205 DTC144ES
Q404 DTC144ES
Q405 DTC144ES
Q406 DTC144ES
Q407 DTC144ES
Q001 2SC3413 B/C
Q1301 2SC3413 B/C
Q1302 2SC3413 B/C
ZD001 HZS30IL
IF P.W.B.
IF1
IF2
GND
IF
+9V
AGC
AFC
NC
M
FMO
DET.O
B/G
D/K
I
SIF
JA1301
VIDEO IN 1
VIDEO IN 2
JA1302
S.VIDEO REAR
JA1303
S.VIDEO FRONT
VIDEO IN 2 FRONT
MONITOR OUT
IC1301 M52472P AV. SW
R1350 10 1/4W
-98# ONLY
A3
YS2
YS1
TO TinT SW. P.W.B.
SW
SWP 1
SWP 2
TO TinT SW. P.W.B.

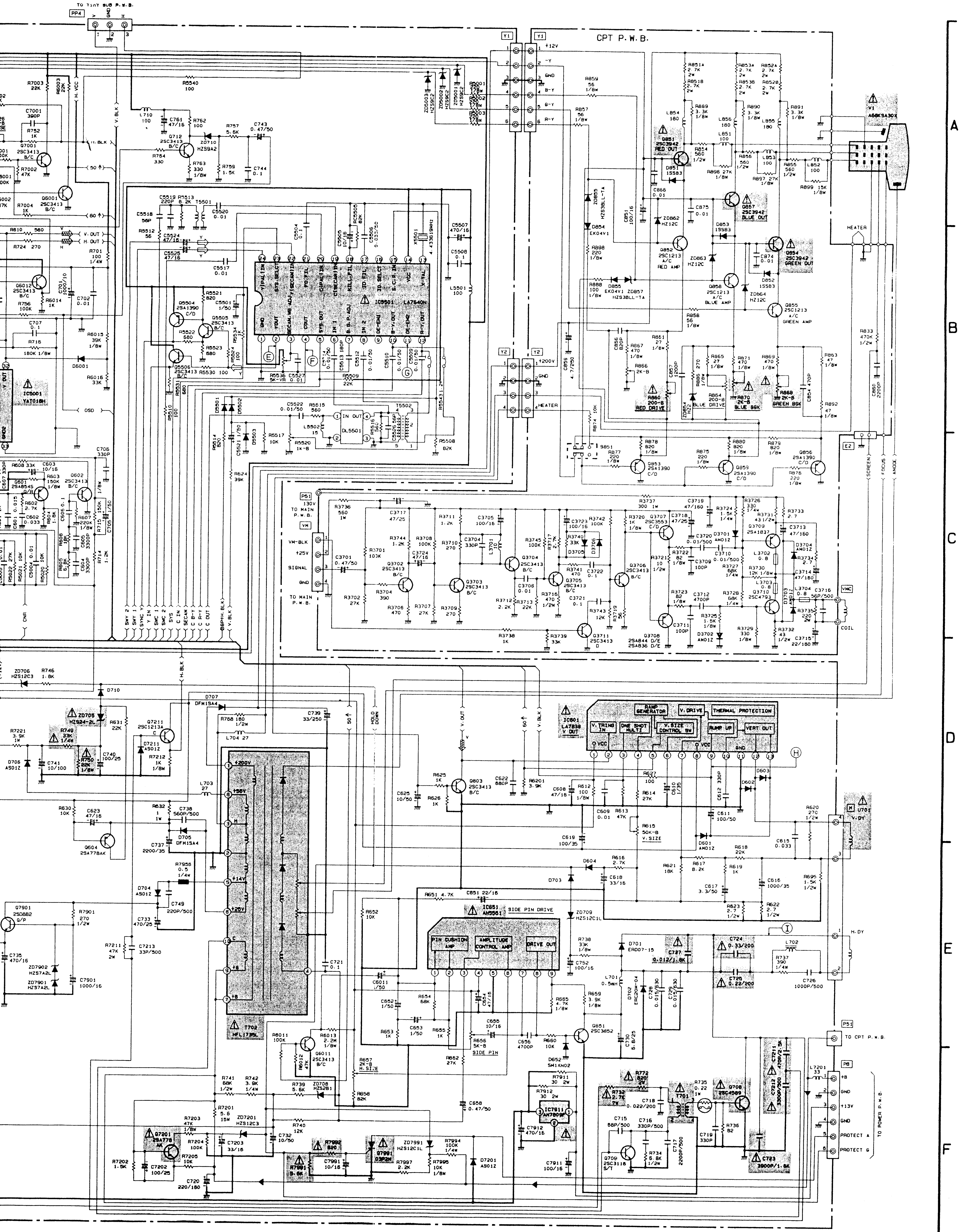

TO POWER P.W.B.
PC
5V
ON/OFF
GND
VS PROTECT
VS
GNDS
IC0001 M37204ECSP(M37204MCSP)
IC0002 M6M80041P
IC0003 PST5720-2
MF0001 CST6.00MGW
S0002 AUTO SEARCH
S0001
TV/VTR
VOL.
PROG
D0020 SPR-54MVW
D0001 SLH-56MC77(GREEN)
D0002 SLH-56VC77(RED)
Q0001 RPT-38PT3F
CP1001 GP1U781Q
P.BLK
SYNC
BEEP
NOISE
CONTRAST
50/60
AGC
OSD
H.BLK
V.DRIVE
DATA
CLK
IMCLK
IMDAT
LOAD
CH I/II
MONO
MUTE
SWP
Tint C.S
SW2
SW1
OSD BLK
ON/OFF
OSD-B
OSD-G
OSD-R
SCL
SDA
TO MAIN P.W.B. 2/2
+9V
+12V
VS PROTECT
IC4502 LA4280 AUDIO OUT
AMP
RIPPLE FILTER
AMP
MUTE
IC4501 TA8776N AUDIO CONTROL
A/D Converter
L.P.F.
Phase shift
VOL
BAL
DYNAMIC BASS
SP402
SP401
U4801
A.GND
SIF IN1
SIF IN2
D.GND
+5V
RESET
IMDENT
IMCLK
IMDAT
AUX IN1 (FM)
AUX IN2 (FM)
OUT(L)
OUT(R)
A1
GND
FMO
CH I/II
MONO
ST
MUTE
BIL
9V
A2
A
B
C
D
E
F
5
6
7
8
9

Diode nct designated: 1SS270

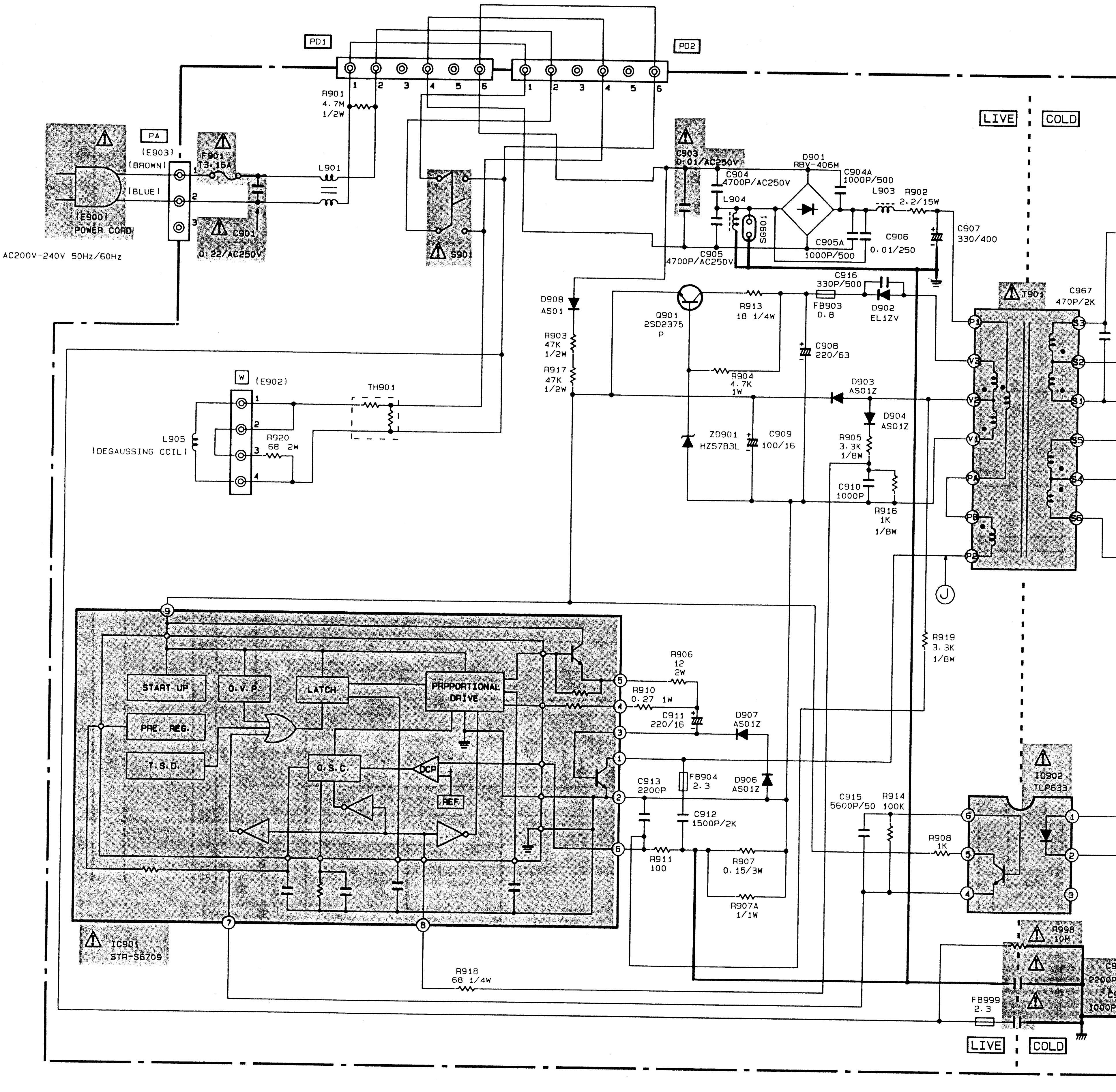
MAIN P.W.B. (2/2)/CPT P.W.B.


TO TinT Sw. P.W.B.
IC5008 M62358P
IC5001 YAT018H
IC501 LVA522 Y-CHANGE
IC502 LVA522 C-CHANGE
IC503 LVA521 SECAM-C
TO CPT P.W.B.
TO MAIN P.W.B. 1/2
Sync. Chip CLAMP
-Y/OUT Buffer-
IC501 IC502
SW1 SW2
H H IN1 N/NTSC
L H IN2 PAL
H L IN3 SECAM-S.SECAM
L L IN4 S IN
SW1 SW2
RF H H
V1 H L
V2 L H
S-VIDEO L L
IC503
SW
H C.SECAM
L S.SECAM
A
B
C
D
E
F
1
2
3
4
5

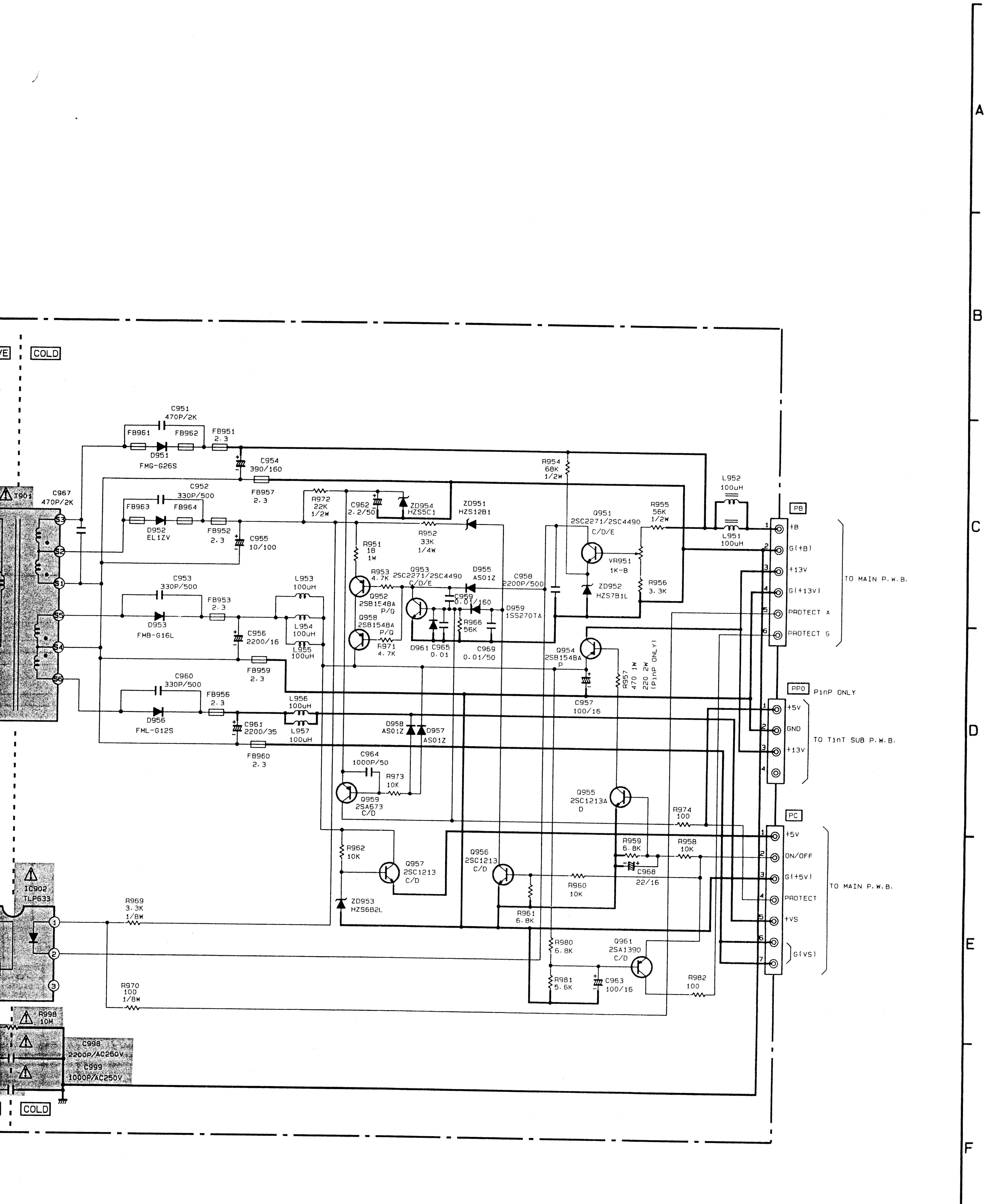
Diode not designated: 1SS270


TO TINT SUB P.W.B.
PP4
CPT P.W.B.
Y1
Y2
V1 A66K9A30X
HEATER
SCREEN
FOCUS
ANODE
E2
IC5501 LA7540N
IC5001 YAT018H
Q851 2SC3942 RED OUT
Q857 2SC3942 BLUE OUT
Q854 2SC3942 GREEN OUT
Q852 2SC1213 A/C RED AMP
Q858 2SC1213 A/C BLUE AMP
Q855 2SC1213 A/C GREEN AMP
R860 200-B RED DRIVE
R864 200-B BLUE DRIVE
R870 2K-B BLUE BGK
R868 2K-B GREEN BGK
P51 130V TO MAIN P.W.B.
VM
VM-BLK
+25V
SIGNAL
GND
TO MAIN P.W.B.
VMC
COIL
IC601 LA7838 V OUT
RAMP GENERATOR
V.DRIVE
THERMAL PROTECTION
V.TRIG IN
ONE SHOT MULTI
V.SIZE CONTROL SW
PUMP UP
VERT OUT
O VCC
GND
U701 V.DY
H.DY
R615 50K-B V.SIZE
IC651 AN5551 SIDE PIN DRIVE
PIN CUSHION AMP
AMPLITUDE CONTROL AMP
DRIVE OUT
R656 5K-B SIDE PIN
R657 2K-B H.SIZE
T702 HFL1735L
+200V
+56V
+14V
+20V
T701
Q708 2SC4589
IC7911 AN7809F
Q7201 2SA778 AK
Q7991 DSP2H
TO CPT P.W.B.
P8
TO POWER P.W.B.
+8
GND
+13V
PROTECT A
PROTECT G
H.VCC
V.BLK
H.BLK
V.OUT
H.OUT
OSD
SWY
SWY
SYNC
Y IN
SWC
SWC
SYS
C IN
SECAM
C B-Y
C R-Y
C OUT
SBP H.BLK
V.BLK
CNR
HOLD DOWN
A
B
C
D
E
F
5
6
7
8
9

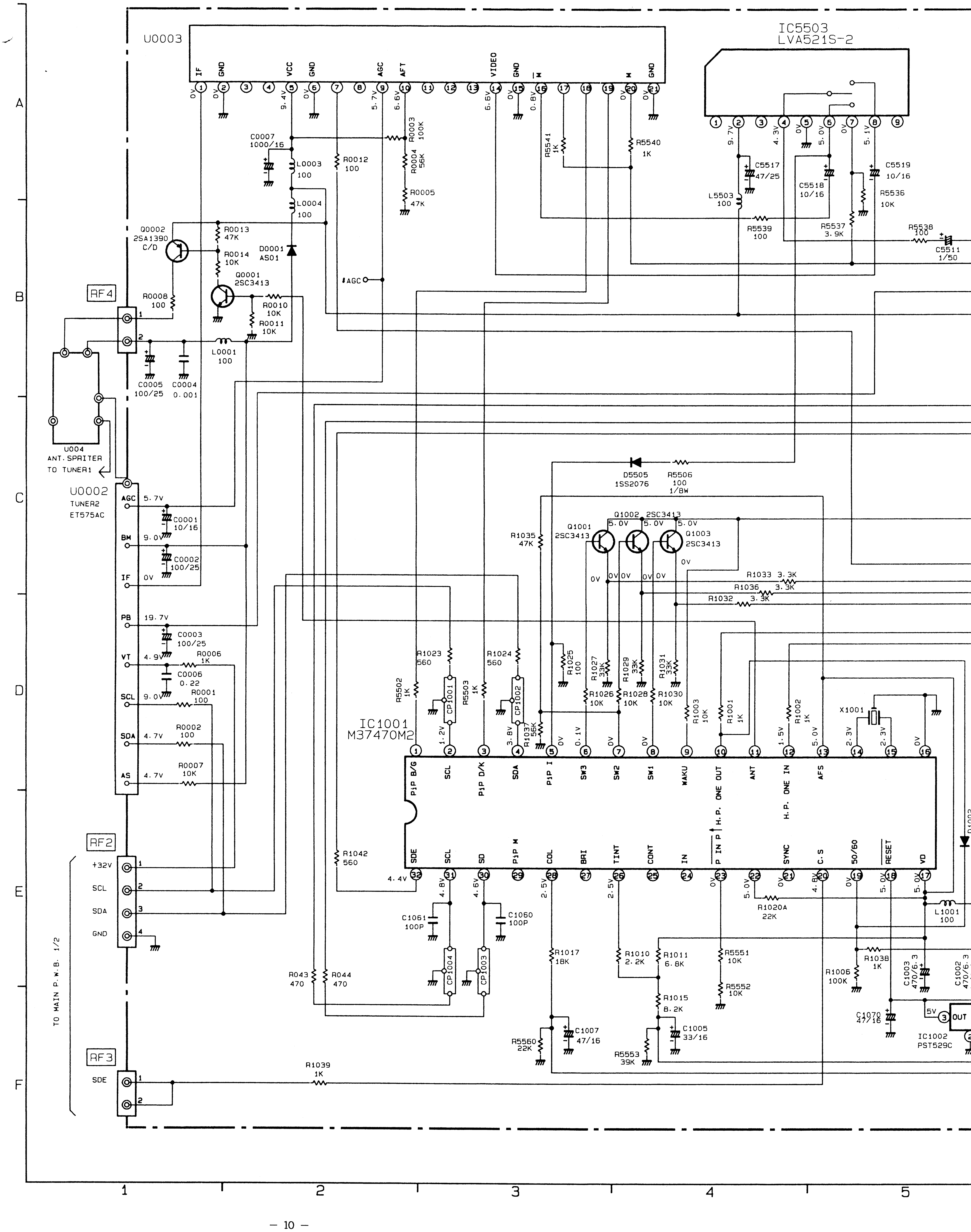
POWER OUTPUT P.W.B.

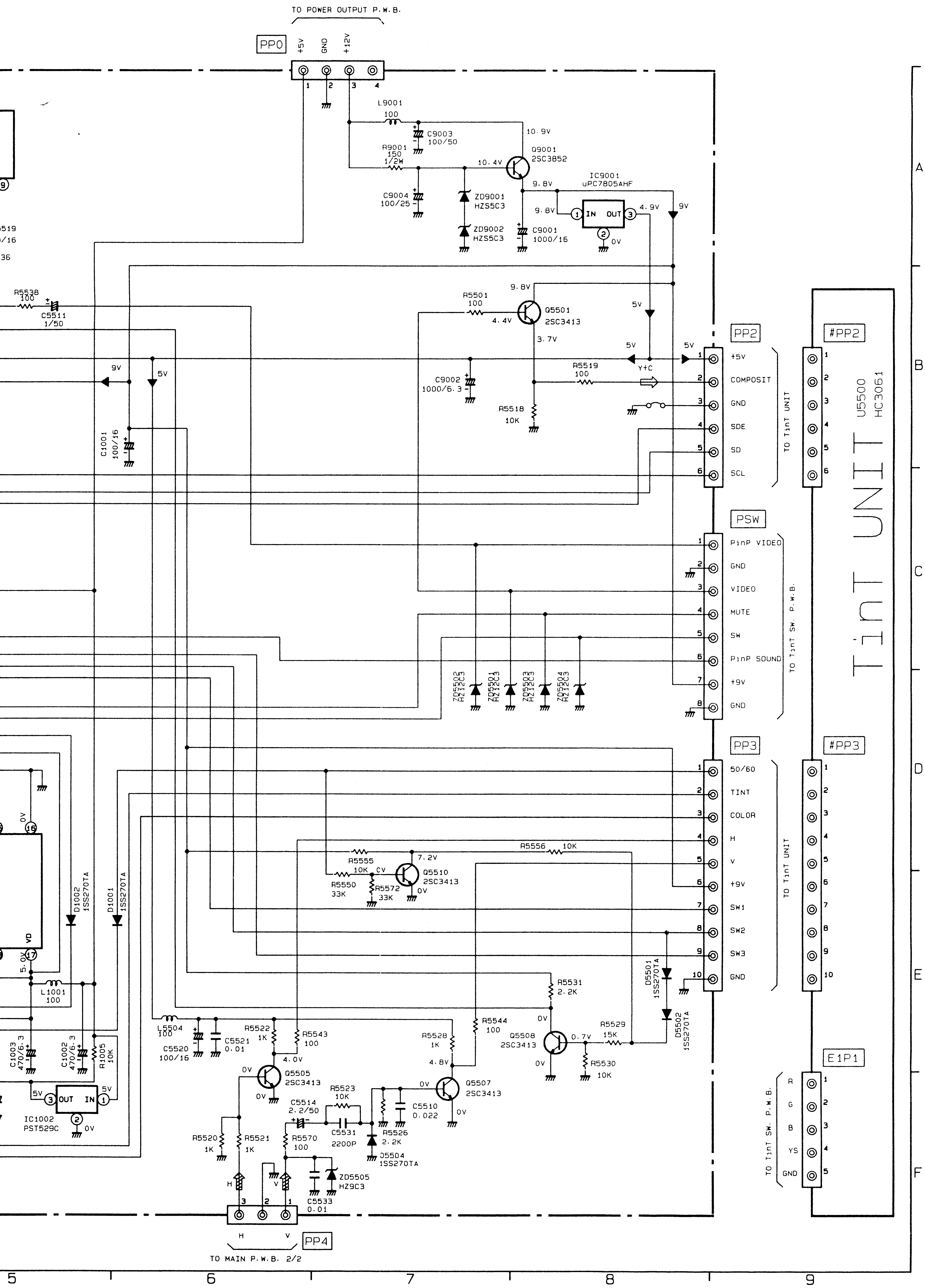


PD1
PD2
1
2
3
4
5
6
R901
4.7M
1/2W
PA
(E903)
(BROWN)
(BLUE)
F901
T3.15A
L901
(E900)
POWER CORD
C901
0.22/AC250V
AC200V-240V 50Hz/60Hz
S901
C903
0.01/AC250V
C904
4700P/AC250V
L904
SG901
C905
4700P/AC250V
D901
RBV-406M
C904A
1000P/500
L903
R902
2.2/15W
C905A
1000P/500
C906
0.01/250
C907
330/400
LIVE
COLD
C916
330P/500
FB903
0.8
D902
EL1ZV
D908
AS01
Q901
2SD2375
P
R913
18 1/4W
R903
47K
1/2W
R917
47K
1/2W
C908
220/63
R904
4.7K
1W
D903
AS01Z
D904
AS01Z
ZD901
HZS7B3L
C909
100/16
R905
3.3K
1/8W
C910
1000P
R916
1K
1/8W
T901
C967
470P/2K
P1
V3
V2
V1
PA
PB
P2
S3
S2
S1
S5
S4
S6
W
(E902)
TH901
L905
(DEGAUSSING COIL)
R920
68 2W
J
R919
3.3K
1/8W
START UP
O.V.P.
LATCH
PRPPORTIONAL DRIVE
PRE. REG.
T.S.D.
O.S.C.
DCP
REF
R906
12
2W
R910
0.27 1W
C911
220/16
D907
AS01Z
C913
2200P
FB904
2.3
D906
AS01Z
C912
1500P/2K
R911
100
R907
0.15/3W
R907A
1/1W
C915
5600P/50
R914
100K
R908
1K
IC902
TLP633
IC901
STR-S6709
R918
68 1/4W
R998
10M
FB999
2.3
2200P
1000P
A
B
C
D
E
F

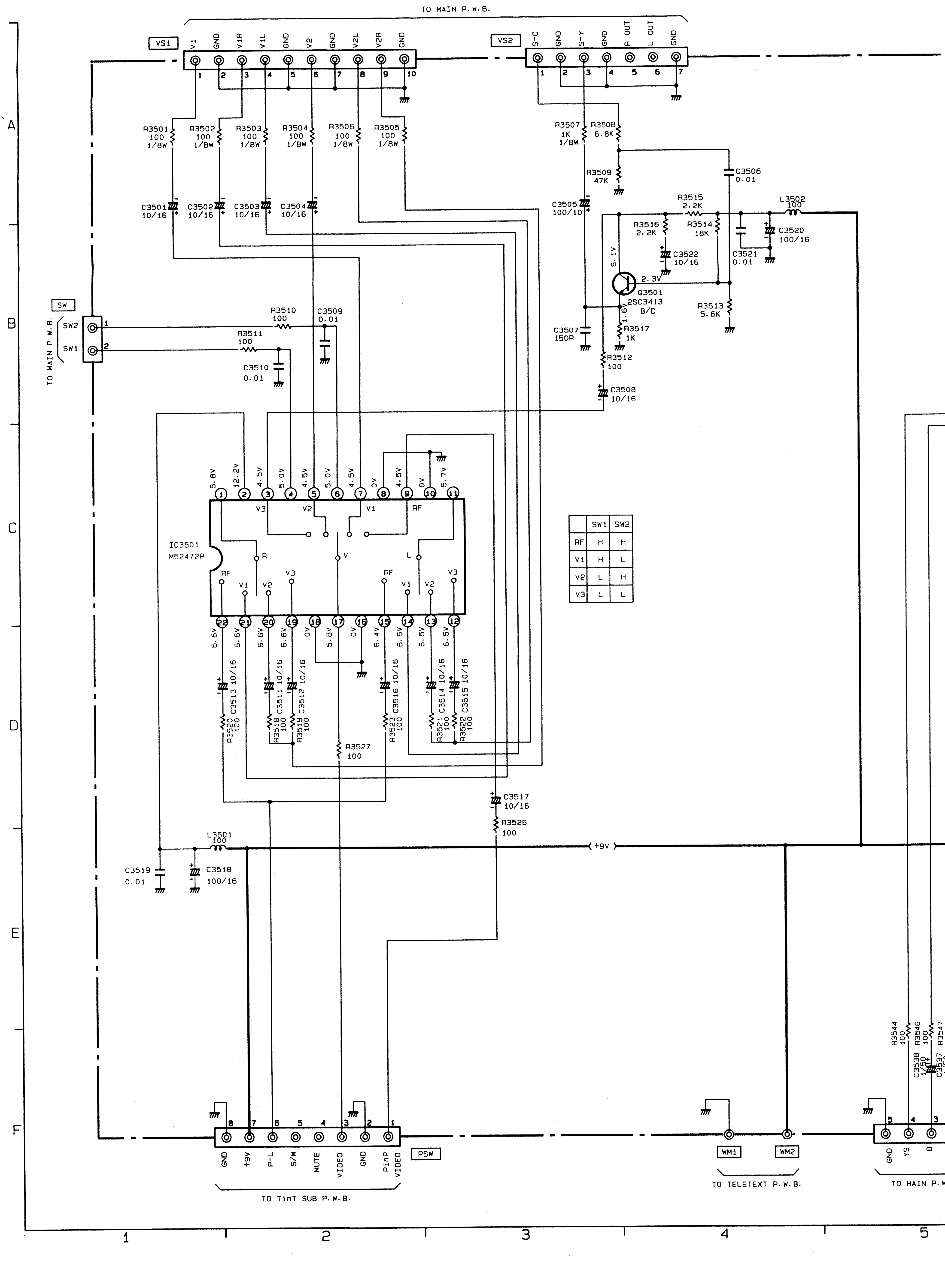

A
B
C
D
E
F
5
6
7
8
9
COLD
T901
C967
470P/2K
C951
470P/2K
FB961
FB962
FB951
2.3
D951
FMG-G26S
C954
390/160
FB957
2.3
C952
330P/500
FB963
FB964
D952
EL1Z
FB952
2.3
C955
10/100
C953
330P/500
FB953
2.3
D953
FMB-G16L
C956
2200/16
L953
100uH
L954
100uH
L955
100uH
FB959
2.3
C960
330P/500
FB956
2.3
D956
FML-G12S
C961
2200/35
L956
100uH
L957
100uH
FB960
2.3
R972
22K
1/2W
C962
2.2/50
ZD954
HZS5C1
ZD951
HZS12B1
R952
33K
1/4W
R951
18
1W
R953
4.7K
Q953
2SC2271/2SC4490
C/D/E
D955
AS01Z
C958
2200P/500
Q952
2SB1548A
P/Q
C959
0.01/160
D959
1SS270TA
Q958
2SB1548A
P/Q
R966
56K
R971
4.7K
D961
C965
0.01
C969
0.01/50
R954
68K
1/2W
Q951
2SC2271/2SC4490
C/D/E
R955
56K
1/2W
VR951
1K-B
ZD952
HZS7B1L
R956
3.3K
L952
100uH
L951
100uH
Q954
2SB1548A
P
C957
100/16
R957
470 1W
220 2W
(PinP ONLY)
D958
AS01Z
D957
AS01Z
C964
1000P/50
R973
10K
Q959
2SA673
C/D
Q955
2SC1213A
D
R974
100
R962
10K
Q957
2SC1213
C/D
ZD953
HZS6B2L
Q956
2SC1213
C/D
R960
10K
R961
6.8K
R959
6.8K
C968
22/16
R958
10K
R980
6.8K
R981
5.6K
C963
100/16
Q961
2SA1390
C/D
R982
100
IC902
TLP633
R969
3.3K
1/8W
R970
100
1/8W
R998
10M
C998
2200P/AC250V
C999
1000P/AC250V
PB
+B
G(+B)
+13V
G(+13V)
PROTECT A
PROTECT G
TO MAIN P.W.B.
PPO
PinP ONLY
+5V
GND
+13V
TO TinT SUB P.W.B.
PC
+5V
ON/OFF
G(+5V)
PROTECT
+VS
G(VS)
TO MAIN P.W.B.

TinT SUB P.W.B.

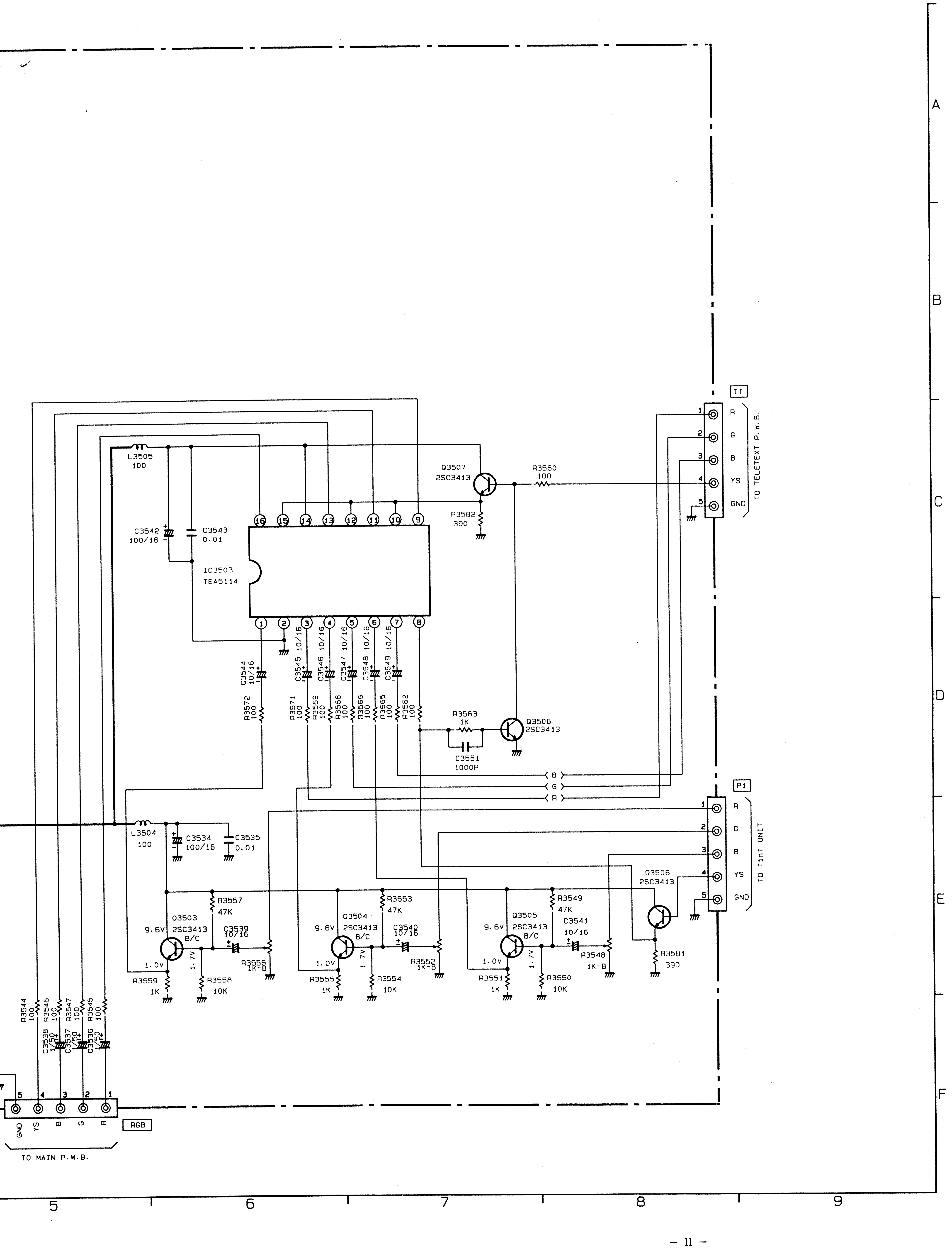

U0003
IF
GND
VCC
GND
AGC
AFT
VIDEO
GND
GND
IC5503
LVA521S-2
C0007
1000/16
L0003
100
L0004
100
R0012
100
R0003
100K
R0004
56K
R0005
47K
R5541
1K
R5540
1K
C5517
47/25
C5518
10/16
C5519
10/16
L5503
100
R5539
100
R5537
3.9K
R5536
10K
R5538
100
C5511
1/50
Q0002
2SA1390
C/D
R0013
47K
R0014
10K
D0001
AS01
Q0001
2SC3413
AGC
R0008
100
R0010
10K
R0011
10K
RF4
L0001
100
C0005
100/25
C0004
0.001
U004
ANT. SPRITER
TO TUNER1
D5505
1SS2076
R5506
100
1/8W
U0002
TUNER2
ET575AC
AGC
BM
IF
PB
VT
SCL
SDA
AS
5.7V
9.0V
0V
19.7V
4.9V
9.0V
4.7V
4.7V
C0001
10/16
C0002
100/25
C0003
100/25
R0006
1K
C0006
0.22
R0001
100
R0002
100
R0007
10K
Q1001
2SC3413
Q1002 2SC3413
Q1003
2SC3413
R1035
47K
R1033 3.3K
R1036 3.3K
R1032 3.3K
R1023
560
R1024
560
R5502
1K
R5503
1K
CP1001
CP1002
R1037
56K
R1025
100
R1027
33K
R1029
33K
R1031
33K
R1026
10K
R1028
10K
R1030
10K
R1003
10K
R1001
1K
R1002
1K
X1001
IC1001
M37470M2
PiP B/G
SCL
PiP D/K
SDA
PiP I
SW3
SW2
SW1
WAKU
H.P. ONE OUT
ANT
H.P. ONE IN
AFS
SDE
SCL
SD
PiP M
COL
BRI
TINT
CONT
IN
P IN P
SYNC
C.S
50/60
RESET
VD
R1042
560
RF2
+32V
SCL
SDA
GND
TO MAIN P.W.B. 1/2
C1061
100P
C1060
100P
CP1004
CP1003
R043
470
R044
470
R1017
18K
C1007
47/16
R5560
22K
R1010
2.2K
R1011
6.8K
R1015
8.2K
C1005
33/16
R5553
39K
R5551
10K
R5552
10K
R1020A
22K
L1001
100
R1006
100K
R1038
1K
C1003
470/6.3
C1002
470/6.3
C1070
47/16
IC1002
PST529C
OUT
5V
RF3
SDE
R1039
1K
A
B
C
D
E
F
1
2
3
4
5


TO POWER OUTPUT P.W.B.
PP0
+5V
GND
+12V
1
2
3
4
L9001
100
C9003
100/50
10.9V
R9001
150
1/2W
10.4V
Q9001
2SC3852
9.8V
IC9001
uPC7805AHF
C9004
100/25
ZD9001
HZS5C3
ZD9002
HZS5C3
9.8V
IN
OUT
4.9V
9V
C9001
1000/16
0V
519
/16
36
R5538
100
C5511
1/50
R5501
100
9.8V
4.4V
Q5501
2SC3413
3.7V
5V
9V
5V
C9002
1000/6.3
R5519
100
Y+C
R5518
10K
C1001
100/16
PP2
+5V
COMPOSIT
GND
SDE
SD
SCL
TO T1nT UNIT
PSW
PinP VIDEO
GND
VIDEO
MUTE
SW
PinP SOUND
+9V
GND
TO T1nT SW. P.W.B.
ZD5502
HZ12C3
ZD5501
HZ12C3
ZD5503
HZ12C3
ZD5504
HZ12C3
PP3
50/60
TINT
COLOR
H
V
+9V
SW1
SW2
SW3
GND
TO T1nT UNIT
#PP2
#PP3
U5500
HC3061
T1nT UNIT
0V
VD
5.0V
D1002
1SS270TA
D1001
1SS270TA
L1001
100
R5555
10K
CV
R5550
33K
R5572
33K
7.2V
Q5510
2SC3413
0V
R5556 10K
D5501
1SS270TA
D5502
1SS270TA
R5531
2.2K
0V
Q5508
2SC3413
0.7V
R5529
15K
R5530
10K
L5504
100
C5520
100/16
C5521
0.01
R5522
1K
R5543
100
4.0V
R5544
100
R5528
1K
4.8V
C1003
470/6.3
C1002
470/6.3
R1005
10K
0V
Q5505
2SC3413
0V
Q5507
2SC3413
0V
5V
OUT
IN
5V
IC1002
PST529C
0V
C5514
2.2/50
R5523
10K
C5510
0.022
R5520
1K
R5521
1K
R5570
100
C5531
2200P
R5526
2.2K
D5504
1SS270TA
ZD5505
HZ9C3
C5533
0.01
H
V
PP4
TO MAIN P.W.B. 2/2
E1P1
R
G
B
YS
GND
TO T1nT SW. P.W.B.
A
B
C
D
E
F
5
6
7
8
9

TinT SWITCH P.W.B.


TO MAIN P.W.B.
VS1
V1
GND
V1R
V1L
GND
V2
GND
V2L
V2R
GND
VS2
S-C
GND
S-Y
GND
R OUT
L OUT
GND
R3501 100 1/8W
R3502 100 1/8W
R3503 100 1/8W
R3504 100 1/8W
R3506 100 1/8W
R3505 100 1/8W
R3507 1K 1/8W
R3508 6.8K
R3509 47K
C3506 0.01
R3515 2.2K
L3502 100
C3501 10/16
C3502 10/16
C3503 10/16
C3504 10/16
C3505 100/10
R3516 2.2K
R3514 18K
C3520 100/16
C3522 10/16
C3521 0.01
6.1V
2.3V
Q3501 2SC3413 B/C
1.6V
R3513 5.6K
R3517 1K
C3507 150P
R3512 100
C3508 10/16
SW
SW2
SW1
TO MAIN P.W.B.
R3510 100
C3509 0.01
R3511 100
C3510 0.01
IC3501 M52472P
5.8V
12.2V
4.5V
5.0V
4.5V
5.0V
4.5V
0V
4.5V
0V
5.7V
V3
V2
V1
RF
R
V
L
RF
V1
V2
V3
RF
V1
V2
V3
6.6V
6.6V
6.6V
6.6V
0V
5.8V
0V
6.4V
6.5V
6.5V
6.5V
C3513 10/16
R3520 100
C3511 10/16
R3518 100
C3512 10/16
R3519 100
R3527 100
C3516 10/16
R3523 100
C3514 10/16
R3521 100
C3515 10/16
R3522 100
C3517 10/16
R3526 100
L3501 100
+9V
C3519 0.01
C3518 100/16
R3544 100
R3546 100
R3547
C3538 1/50
C3537
GND
+9V
P-L
S/W
MUTE
VIDEO
GND
PinP VIDEO
PSW
TO TinT SUB P.W.B.
WM1
WM2
TO TELETEXT P.W.B.
GND
YS
B
TO MAIN P.W

	SW1	SW2
RF	H	H
V1	H	L
V2	L	H
V3	L	L


A
B
C
D
E
F
5
6
7
8
9
TT
TO TELETEXT P.W.B.
R
G
B
YS
GND
L3505
100
Q3507
2SC3413
R3560
100
R3582
390
C3542
100/16
C3543
0.01
IC3503
TEA5114
C3544
10/16
C3545 10/16
C3546 10/16
C3547 10/16
C3548 10/16
C3549 10/16
R3572
100
R3571
100
R3569
100
R3568
100
R3566
100
R3565
100
R3562
100
R3563
1K
C3551
1000P
Q3506
2SC3413
P1
TO TInT UNIT
L3504
100
C3534
100/16
C3535
0.01
R3557
47K
R3553
47K
R3549
47K
Q3503
2SC3413
B/C
Q3504
2SC3413
B/C
Q3505
2SC3413
B/C
Q3506
2SC3413
9.6V
1.7V
1.0V
C3539
10/16
C3540
10/16
C3541
10/16
R3556
1K-B
R3552
1K-B
R3548
1K-B
R3559
1K
R3558
10K
R3555
1K
R3554
10K
R3551
1K
R3550
10K
R3581
390
R3544
100
R3546
100
R3547
100
R3545
100
C3538
1/50
C3537
1/50
C3536
1/50
RGB
TO MAIN P.W.B.

MAIN P.W.B. (1/2)

IC0001

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
PAL	0.2	0.9	0.9	0	5.1	0.7	6.2	3.6	0	0	9.0	5.0	0.2	0.1	4.7	5.1	5.1	5.1	0	4.8	4.9	4.9	3.5	5.1	5.1	5.1	0	5.1	5.1	2.2	2.4	0
SECAM	0.2	0.9	0.9	0	5.1	5.1	6.3	3.6	0	0	9.0	5.0	0.2	0.2	4.7	5.1	5.1	5.1	0	4.8	4.9	4.9	3.5	5.1	5.1	5.1	0	5.1	5.1	2.2	2.4	0
NTSC	0.2	0.9	4.3	0	5.1	0	6.3	3.6	0	0	8.9	5.0	0.2	0.1	4.7	5.1	5.1	5.1	5.1	4.8	4.9	4.9	3.3	5.1	5.1	5.1	0	5.1	5.1	2.2	2.4	0

Pin No.	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
PAL	5.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.1	5.1	0	0	5.0	0	0	0	0.2	4.7	5.1
SECAM	5.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.1	5.1	0	0	5.0	0	0	0	0.2	4.7	5.1
NTSC	5.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.1	5.1	0	0	5.0	0	0	0	0.2	4.7	5.1

IC0002

Pin No.	1	2	3	4	5	6	7	8
PAL	5.1	5.1	5.1	5.1	0	5.1	5.1	5.1
SECAM	5.1	8.1	5.1	5.1	0	5.1	5.1	5.1
NTSC	5.1	5.1	5.1	5.1	0	5.1	5.1	5.1

IC0003

Pin No.	1	2	3
PAL	5.1	5.1	5.1
SECAM	0	0	0
NTSC	5.1	5.1	5.1

IC1301

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PAL	5.8	12.2	4.5	5.0	4.5	5.0	4.5	0	4.5	0	5.7	6.5	6.5	6.5	6.4	0	5.8	0	6.6	6.6	6.6	6.6
SECAM	5.8	12.2	4.5	5.0	4.5	5.0	4.5	0	4.5	0	5.7	6.5	6.5	6.5	6.4	0	5.8	0	6.6	6.6	6.6	6.6
NTSC	5.8	12.2	4.5	5.0	4.5	5.0	4.5	0	4.5	0	5.7	6.5	6.5	6.5	6.4	0	5.8	0	6.6	6.6	6.6	6.6

IC4501

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
PAL	4.6	4.6	4.6	4.6	4.5	4.5	4.5	1.7	4.5	4.4	4.5	0	1.8	1.8	11.9	9.2	0	4.5	5.2	5.2	5.3	5.3	0.1	9.2	4.6	6.1	1.9	4.9	5.0	0
SECAM	4.6	4.6	4.6	4.6	4.5	4.5	4.5	1.7	4.5	4.4	4.5	0	1.8	1.8	11.9	9.2	0	4.5	5.2	5.2	5.3	5.3	0.1	9.2	4.6	6.1	1.9	4.9	5.0	0
NTSC	4.6	4.6	4.6	4.6	4.5	4.5	4.5	1.7	4.5	4.4	4.5	0	1.8	1.8	11.9	9.2	0	4.5	5.2	5.2	5.3	5.3	0.1	9.2	4.6	6.1	1.9	4.9	5.0	0

IC4502

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
PAL	0.8	1.0	0.7	17.2	0	0.7	1.0	0.8	0	0	17.0	35.0	17.1	0
SECAM	0.8	1.0	0.7	17.1	0	0.7	1.0	0.8	0	0	17.0	35.0	17.1	0
NTSC	0.8	1.0	0.7	17.1	0	0.7	1.0	0.8	0	0	17.0	34.8	17.0	0

IC7911

Pin No.	1	2	3
PAL	12.3	0	9.1
SECAM	12.4	0	9.1
NTSC	12.3	0	9.1

Q0006									Q001									Q0002									Q0003								
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
0	5.1	0	0	5.1	0	0	5.1	0	0.7	0.1	0	0.7	0.1	0	0	6.5	0	7.7	0.4	7.4	7.7	0.4	7.4	7.7	0.4	7.3	0.1	4.6	0	0.1	4.6	0	0.1	4.6	0

Q0005									Q0007									Q1301									Q1302								
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
0.6	0.2	0	0.6	0.2	0	0.6	0.2	0	0	4.7	0	0	4.7	0	0	4.7	0	5.8	9.9	5.1	5.8	9.9	5.1	5.8	9.9	5.1	0	0	0	0	0	0	0	0	0

Q4501									Q4502									Q4503									Q4504								
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
4.1	8.6	3.5	4.1	8.6	3.5	4.1	8.6	3.5	3.5	11.8	2.9	3.5	11.8	2.9	3.5	11.8	2.9	0.1	3.5	3.5	0.1	3.5	3.5	0.1	3.5	3.5	4.1	3.5	3.5	4.1	3.5	3.5	4.1	3.5	3.5

Q4505									Q4506									Q4507									Q4508								
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
4.1	8.6	3.5	4.1	8.6	3.5	4.1	8.6	3.5	3.5	11.8	2.9	3.5	11.8	2.9	3.5	11.8	2.9	0.1	3.5	3.5	0.1	3.5	3.5	0.1	3.5	3.5	4.1	3.5	3.5	4.1	3.5	3.5	4.1	3.5	3.5

Q4509									Q4510									Q4511									Q481								
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
9.0	0	7.7	9.0	0	7.7	9.0	0	7.7	0	17.2	0	0	17.2	0	0	17.2	0	35.1	0	35.0	35.0	-2.0	35.0	34.9	-2.0	34.9	5.3	9.0	5.9	5.3	9.0	5.9	5.3	9.0	5.9

MAIN P.W.B. (2/2)

IC5001

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
PAL	1.5	3.9	7.0	6.4	0	4.5	6.8	4.1	1.5	5.2	5.2	5.1	4.3	8.9	2.8	2.8	2.8	0.1	0	4.6	0	0	0	7.6	1.0	0.5	0	4.8	5.4	0.8	6.7	4.5
SECAM	1.5	3.9	7.0	6.5	0	4.5	6.8	4.1	1.3	5.2	5.2	5.1	4.4	8.9	2.8	2.8	2.8	0.1	0	4.6	0	0	0	7.6	1.0	0.5	0	4.8	5.4	0.8	6.6	4.5
NTSC	1.5	3.9	7.0	6.5	0	4.5	6.8	4.1	0.9	5.2	5.2	5.2	4.3	8.9	2.8	2.8	2.8	0.1	0	4.6	0	0	0	7.6	1.0	0.5	0	4.8	5.4	4.3	6.7	4.5

Pin No.	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
PAL	0	6.9	6.3	4.4	0.1	2.4	0.7	3.0	4.7	3.0	4.1	5.3	4.3	3.2	4.1	6.7	5.7	5.3	2.5	0	0	3.2	3.8	6.0	5.5	3.7	7.3	4.5	4.4	8.2	3.0	5.1
SECAM	0	6.8	6.3	4.4	0.3	2.4	0.7	3.0	4.7	3.0	4.1	5.3	4.3	3.2	4.1	5.4	5.7	5.3	0.3	0	0	3.2	3.7	6.0	5.5	3.7	7.3	4.5	4.5	8.2	3.0	5.1
NTSC	0	6.9	6.3	4.4	0.2	2.4	0.7	1.3	4.7	1.3	4.1	5.3	4.3	3.2	4.6	0.7	5.7	5.3	2.5	0	0	3.2	3.8	6.0	5.5	3.7	0	4.4	4.4	8.2	3.0	5.1

IC5002

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PAL	0	—	—	0	8.9	8.9	4.6	8.9	2.0	0	0	5.1	8.9	3.8	8.9	8.9	2.1	8.9	0.1	—	5.1	5.1
SECAM	0	—	—	0	8.9	8.9	4.6	8.9	2.0	0	0	5.1	8.9	3.8	8.9	8.9	2.1	8.9	0.1	—	5.1	5.1
NTSC	0	—	—	0	8.9	8.9	4.6	8.9	2.0	0	0	5.1	8.9	3.8	8.9	8.9	4.7	8.9	0.1	—	5.1	5.1

IC5501

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
PAL	0	0	5.7	4.5	2.8	4.5	0.2	4.5	6.5	7.6	6.4	7.6	2.9	8.9	1.3	7.8	6.8	5.0	4.4	4.5	5.9	4.5	8.8	4.5
SECAM	0	4.5	5.7	4.5	0.2	4.5	0.2	4.5	6.5	7.6	6.4	7.6	2.9	8.9	1.3	7.8	7.2	6.5	4.4	4.5	5.8	4.5	0.1	4.5
NTSC	0	4.5	5.7	4.5	2.8	4.5	0.2	4.5	6.3	7.6	6.6	7.6	2.9	8.9	1.4	7.8	6.6	5.2	4.4	4.5	5.3	4.5	8.8	4.5

IC501

Pin No.	1	2	3	4	5	6	7	8	9
PAL	4.7	9.0	0	4.0	0	4.7	0	4.7	0.1
SECAM	4.7	9.0	0	4.0	0	4.7	0	4.7	0.1
NTSC	4.7	9.0	0	4.0	0	4.7	4.3	4.7	0.1

IC502

Pin No.	1	2	3	4	5	6	7	8	9
PAL	4.7	9.0	0	4.0	0	4.7	0	4.7	0.1
SECAM	4.7	9.0	0	4.0	0	4.7	0	4.7	0.1
NTSC	4.7	9.0	0	4.0	0	4.7	4.3	4.7	0.1

IC503

Pin No.	1	2	3	4	5	6	7	8	9
PAL	0	9.0	0	4.0	0	4.7	0.1	4.7	0
SECAM	0	9.0	0	4.0	0	4.7	0.1	4.7	0
NTSC	0	9.0	0	4.0	0	4.7	0.1	4.7	0

IC601

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13
PAL	12.0	4.5	6.0	6.2	0.2	6.1	5.7	26.1	2.7	1.4	0	15.2	26.7
SECAM	12.0	4.5	6.0	6.2	0.2	6.1	5.7	26.1	2.7	1.4	0	15.2	26.7
NTSC	12.0	4.5	6.0	6.2	2.8	6.1	5.7	26.1	3.1	1.4	0	15.1	27.0

IC651

Pin No.	1	2	3	4	5	6	7	8	9
PAL	1.0	6.7	3.0	12.7	0	12.4	11.6	2.3	12.2
SECAM	1.0	6.7	3.0	12.7	0	12.4	11.6	2.3	12.2
NTSC	1.0	6.7	3.0	12.7	0	12.4	11.6	2.3	12.2

Q3001									Q3002									Q3003								
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
9.0	0	9.0	9.0	0	9.0	9.0	0	9.0	7.0	8.9	6.4	7.2	8.9	6.5	7.2	8.9	6.5	8.9	0	0	8.9	0	0	8.9	0	0

Q3004									Q3006									Q3007								
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
8.9	0	0	8.9	0	0	8.9	0	0	0	0	0	0	0	0	4.3	0	0	7.1	8.9	6.4	7.1	8.9	6.4	7.1	8.9	6.4

Q3008									Q3010									Q3013								
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
4.5	0	5.1	4.4	0	5.0	4.5	0	5.1	4.2	9.0	3.5	4.2	9.0	3.5	4.2	9.0	3.5	3.8	8.2	3.1	3.8	8.3	3.1	3.8	8.3	3.1

Q3014									Q3018									Q3019									Q5004									Q5005									Q500	
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PA	
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C
8.2	5.3	8.9	8.3	5.3	8.9	8.2	5.3	8.9	0.7	0	0	0.7	0	0	0.7	0	0	0.8	0	0	0.8	0	0	0.8	0	0	0	6.4	0	0	6.4	0	4.3	0	0	6.4	0	0	6.4	0	0	0	8.9	0	0	6.

Q5504									Q5505									Q5506									Q501									Q502									Q503	
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PA	
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C
8.3	7.1	8.9	8.3	7.1	8.9	8.3	7.1	8.9	4.5	8.3	3.8	4.5	8.3	3.8	4.5	8.3	3.8	4.5	8.9	3.8	4.5	8.9	3.8	4.5	8.9	3.8	5.8	9.0	5.1	5.8	9.0	5.1	5.8	9.0	5.1	2.6	0	3.2	2.6	0	3.2	2.6	0	3.2	2.7	9.

Q504									Q505									Q506									Q507									Q508									Q509	
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PA	
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C
5.6	9.0	4.9	5.6	9.0	4.9	5.6	9.0	4.9	0.7	0.1	0	0.7	0.1	0	0.7	0.1	0	5.1	9.0	4.4	5.1	9.0	4.4	5.1	9.0	4.4	2.2	0	2.8	2.2	0	2.8	2.2	0	2.8	3.7	8.4	3.1	3.7	8.4	3.1	3.7	8.4	3.1	8.4	5.

Q510									Q511									Q512									Q513									Q514									Q515	
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PA	
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C
4.0	9.0	3.3	4.0	9.0	3.3	4.0	9.0	3.3	4.0	9.0	3.3	4.0	9.0	3.3	4.0	9.0	3.3	1.0	9.0	1.4	1.0	9.0	1.3	1.0	9.0	1.3	2.5	0.1	0	2.5	0.1	0	2.5	0.1	0	4.0	5.7	3.3	4.0	5.7	3.3	4.0	5.7	3.3	5.7	9.

Q516									Q517									Q6001									Q6011									Q6012									Q601	
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PA	
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C
0.7	0.1	0	0.7	0.1	0	0.7	0.1	0	0	0.9	0	0	0.9	0	4.3	0	0	0.1	7.5	0	0.1	7.5	0	0.7	0.1	0	0.6	0	0	0.6	0	0	0	10.3	0	0.8	8.9	0.2	0.8	8.9	0.2	4.3	8.9	3.6	5.1	0.

Q602									Q603									Q604									Q651									Q7001									Q7201	
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PA	
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C
-0.2	6.2	0	-0.2	6.2	0	-0.2	6.2	0	0	4.5	0	0	4.5	0	0	4.5	0	26.1	0.4	26.5	26.1	0.5	26.5	26.1	0.4	26.5	0.5	12.4	0	0.5	12.4	0	0.5	12.3	0	0.1	8.8	0	0.1	8.8	0	0.3	-0.3	0	125.4	10.

Q7211									Q7901									Q7991									Q708									Q709									Q711	
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PA	
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	K	A	G	K	A	G	K	A	G	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C
1.9	12.6	2.2	1.9	12.6	2.2	1.9	12.6	2.3	13.3	14.3	12.7	13.3	14.3	12.7	13.3	14.3	12.7	0	65.4	0.1	0	65.4	0.1	0	65.3	0.1	-0.1	610	0	-0.1	610	0	-0.1	610	0	0.4	37.6	0	0.4	32.7	0	0.4	37.6	0	1.9	8.

Q712								
PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E
4.1	7.9	3.4	4.1	7.9	3.4	4.1	7.9	3.4

CPT P.W.B. [MAIN P.W.B. (2/2)]

Q3702									Q3703									Q3704									Q3705									Q3706									Q3707	
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PA	
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C
2.3	8.1	1.7	2.3	8.1	1.7	2.3	8.1	1.7	2.1	5.8	1.5	2.1	5.7	1.5	2.1	5.8	1.5	5.7	12.4	5.1	5.7	12.3	5.1	5.8	12.4	5.2	2.0	4.9	1.3	2.0	4.9	1.3	2.0	4.9	1.3	1.0	6.2	0.3	1.0	6.2	0.3	1.0	6.2	0.3	6.2	12.

Q3709									Q3710									Q3711									Q851									Q852									Q853	
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PA	
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C
123.8	48.8	121.2	123.6	55.0	122.9	121.5	45.1	122.9	0.2	50.0	0.9	0.2	57.2	0.9	0.2	45.1	0.9	0	0	0	0	0	0	0	0	0	12.6	149.2	12.1	12.6	151.8	12.1	12.6	146.7	12.1	5.2	12.1	4.9	5.2	12.1	4.9	5.2	12.1	4.9	3.7	0

Q855									Q856									Q857									Q858									Q859								
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
5.2	12.2	4.9	5.2	12.1	4.9	5.1	12.1	4.9	3.7	0	4.4	3.7	0	4.4	3.7	0	4.3	12.6	144.5	12.2	12.6	146.1	12.2	12.6	140.6	12.2	5.1	12.2	4.8	5.1	12.2	4.8	5.1	12.2	4.9	3.7	0	4.4	3.7	0	4.4	3.7	0	4.3

IF P.W.B. [MAIN P.W.B. (1/2)]

IC201

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
PAL	3.7	5.8	7.0	4.0	4.5	4.5	0	3.6	8.8	5.1	3.1	3.1	0	0	0	7.9	3.5	4.8	3.5	4.2	4.2	6.8	5.0	2.0
SECAM	3.8	5.8	7.0	4.0	4.5	4.5	0	3.6	8.8	4.6	3.1	3.1	7.1	0	0	7.9	3.4	4.8	3.4	4.2	4.2	6.8	5.0	2.0
NTSC	3.5	5.8	7.0	4.0	4.5	4.5	0	3.6	8.8	2.5	3.1	3.1	0	0	0	7.9	3.5	4.8	3.5	4.2	4.2	6.8	5.0	2.0

IC202

Pin No.	1	2	3	4	5	6	7	8
PAL	4.9	8.8	4.1	0	4.9	0	4.9	4.2
SECAM	4.9	8.8	4.1	0	4.9	0	4.9	0
NTSC	4.9	8.8	4.1	0	4.9	6.4	4.9	0

IC401

Pin No.	1	2	3	4	5
PAL	2.9	8.8	0	7.8	7.6
SECAM	2.9	8.8	0	7.8	7.5
NTSC	2.9	8.8	0	7.8	7.5

Q201									Q202									Q203									Q204									Q205									Q206	
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PA	
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C
1.9	6.9	1.2	1.9	6.9	1.2	1.9	6.6	1.2	2.4	8.8	1.7	2.4	8.8	1.7	2.4	8.8	1.7	7.0	0	0	7.0	0	0	0	6.0	0	0	5.0	0	0	5.0	0	6.4	0	0	0.1	7.0	0	0.1	7.0	0	6.4	0.1	0	4.2	8.

Q401									Q402									Q403									Q404									Q405									Q406	
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PA	
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C
0	8.8	6.1	6.8	8.8	6.1	0	8.8	6.1	0	8.8	0	0	8.8	0	6.4	0	0	7.0	0	0	0	0	0	0	8.8	0	0	7.8	0	0	7.8	0	0	7.8	0	7.0	0	0	7.0	0	0	0	5.9	0	4.2	0

POWER OUTPUT P.W.B.

IC901

Pin No.	1	2	3	4	5	6	7	8	9
PAL	2.7	0.1	-0.4	1.2	2.1	0	0.2	1.0	9.5
SECAM	2.7	0.1	-0.4	1.2	2.1	0	0.2	1.0	9.5
NTSC	2.7	0.1	-0.4	1.2	2.1	0	0.2	1.0	9.5

IC902

Pin No.	1	2	3	4	5	6
PAL	65.1	65.3	0	0.3	9.2	0.8
SECAM	65.1	65.3	0	0.3	9.2	0.8
NTSC	65.1	65.3	0	0.3	9.2	0.8

Q901									Q951									Q952	
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PA	
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C
7.4	51.9	9.6	7.4	51.8	9.6	7.4	51.8	9.6	7.6	65.1	7.0	7.6	65.1	7.0	7.6	65.1	7.0	71.7	55.0

Q954									Q955									Q956									Q957									Q958									Q959	
PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC			PA	
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C
12.6	13.2	13.4	12.6	13.2	13.4	12.6	13.2	13.4	0.7	0.1	0	0.7	0.1	0	0.7	0.1	0	0.6	0	0	0.6	0	0	0.6	0	0	5.8	13.4	5.2	5.8	13.4	5.2	5.8	13.4	5.2	71.3	13.4	55.5	71.3	13.4	55.8	71.3	13.4	55.5	7.0	0

			Q5006								
NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E
0	8.9	0	0	6.7	0	0	5.4	0	5.0	0	0

			Q503								
NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E
2.6	0	3.2	2.7	9.0	2.0	2.7	9.0	2.0	2.7	9.0	2.0

			Q509								
NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E
3.7	8.4	3.1	8.4	5.2	9.0	8.4	5.2	9.0	8.4	5.2	9.0

			Q515								
NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E
4.0	5.7	3.3	5.7	9.0	5.0	5.7	9.0	5.0	5.7	9.0	5.0

			Q601								
NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E
4.3	8.9	3.6	5.1	0.1	5.2	5.0	0.1	5.1	5.1	0.1	5.0

			Q7201								
NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E
.3	-0.3	0	125.4	10.0	126.0	125.5	10.0	126.0	125.5	9.5	126.0

			Q711								
NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E
.4	31.6	0	1.9	8.9	1.6	1.9	8.9	1.6	2.0	8.9	1.7

			Q3707									Q3708								
NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
.0	6.2	0.3	6.2	12.4	6.1	6.2	12.3	6.1	6.2	12.4	6.1	6.2	0	6.1	6.2	0	6.1	6.2	0	6.0

			Q853									Q854								
NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
.2	12.1	4.9	3.7	0	4.4	3.7	0	4.4	3.7	0	4.3	12.6	152.1	12.2	12.6	152.3	12.1	12.6	150.5	12.1

NTSC		
B	C	E
.7	0	4.3

	2	3	4	5
9	8.8	0	7.8	7.6
9	8.8	0	7.8	7.5
9	8.8	0	7.8	7.5

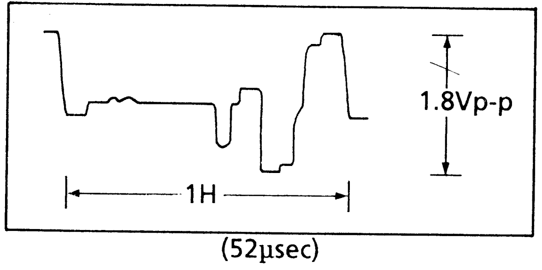
			Q206									Q207								
NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
.4	0.1	0	4.2	8.8	0	4.2	8.8	0	4.2	8.8	0	2.9	0	3.5	2.9	0	3.5	2.9	0	3.5

			Q406									Q407								
NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
0	5.9	0	4.2	0	0	0	6.0	0	0	7.0	0	0	6.0	0	4.5	0	0	0	7.0	0

			Q952									Q953								
NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
6	65.1	7.0	71.7	55.0	72.0	71.7	55.8	72.0	71.6	55.5	72.0	0	71.2	0	0	71.2	0	0	71.2	0

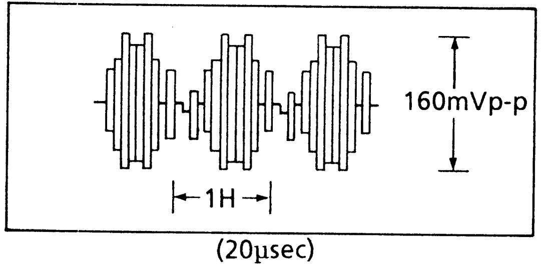
			Q959									Q961								
NTSC			PAL			SECAM			NTSC			PAL			SECAM			NTSC		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
.3	13.4	55.5	7.0	0	5.0	7.0	0	5.0	7.0	0	5.0	6.0	0	4.3	6.0	0	4.3	6.0	0	4.3

IC5001 ⑩ pin



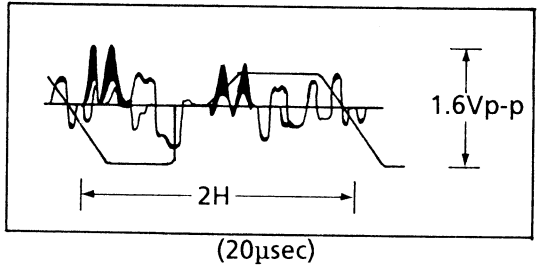
(52μsec)

IC5501 ④ pin



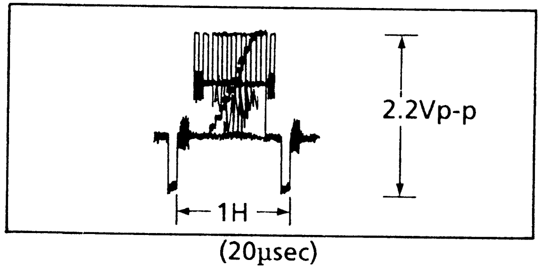
(20μsec)

IC5501 ⑪ pin



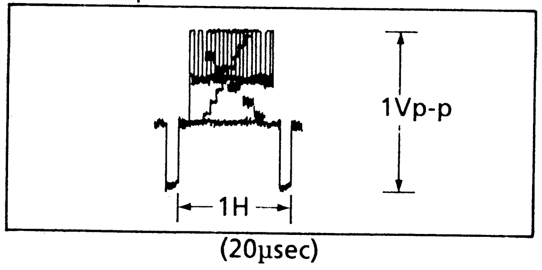
(20μsec)

Q501 Emitter



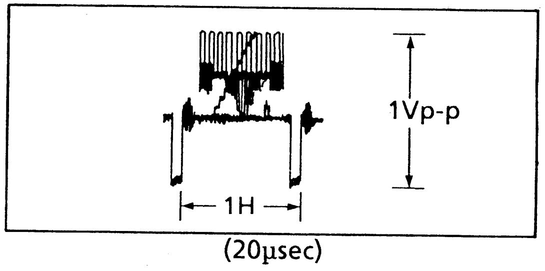
(20μsec)

IC5501 ② pin



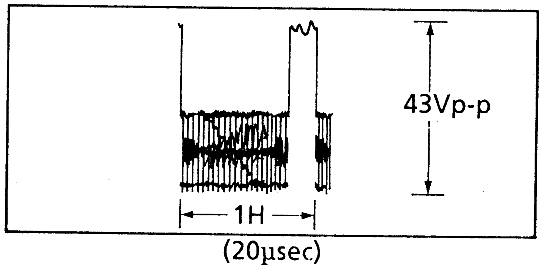
(20μsec)

Q207 Emitter



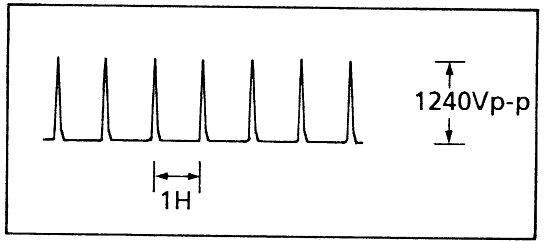
(20μsec)

Q3010 Emitter



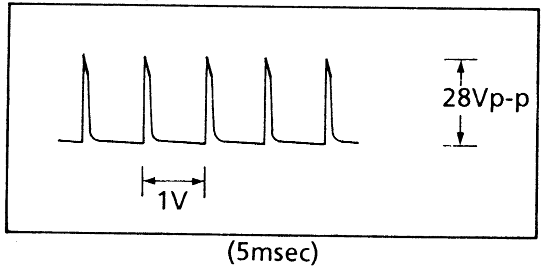
(20μsec)

⑧H.DY 1



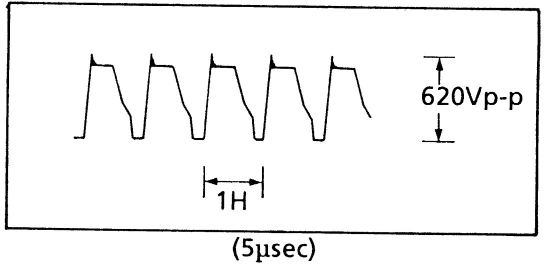
(20μsec)

⑨IC601 ⑨ pin

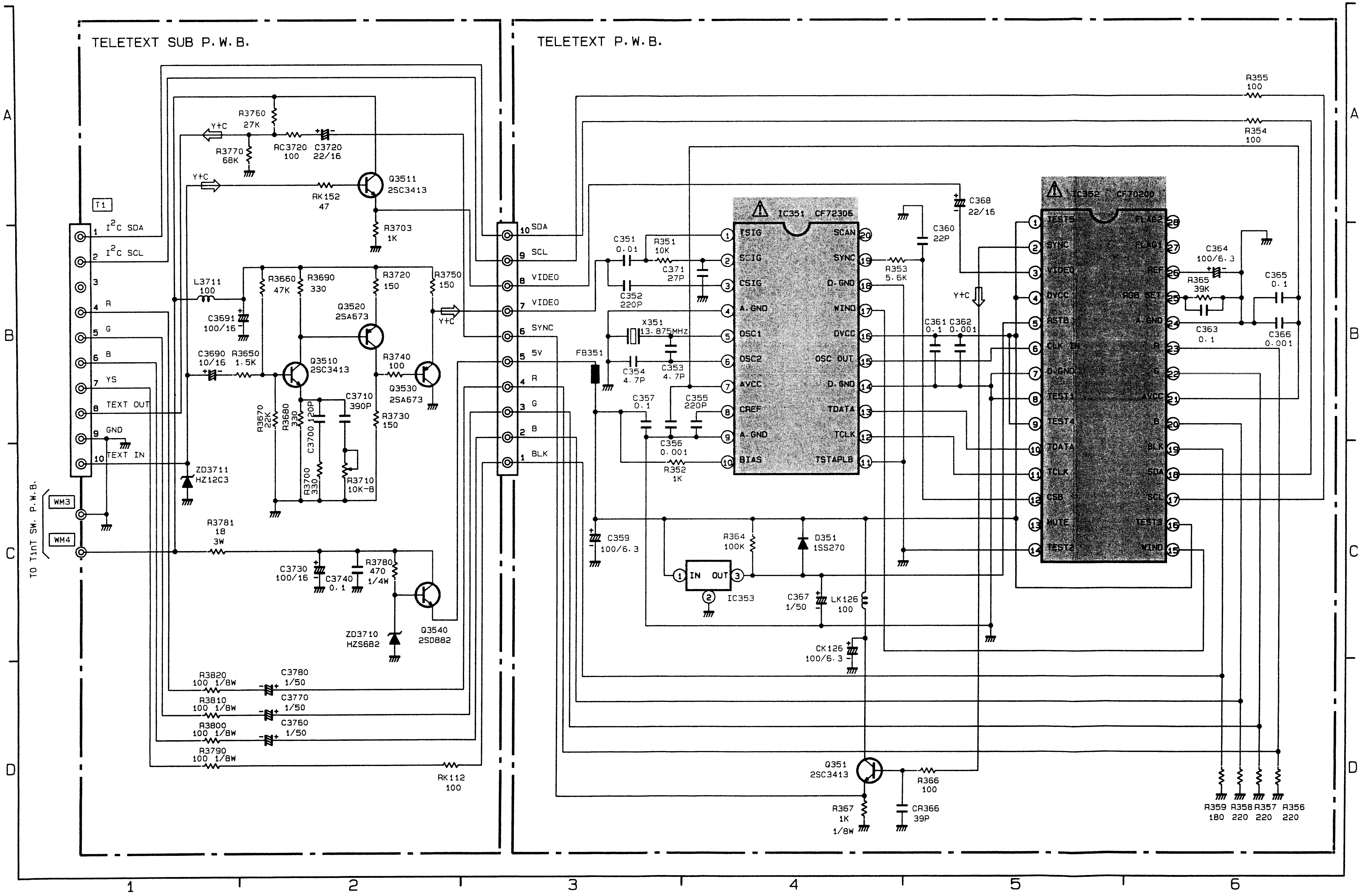


(5msec)

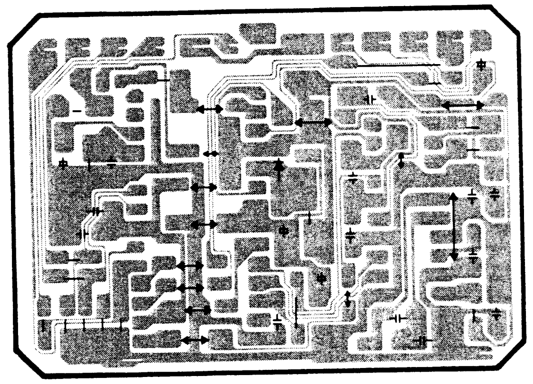
⑩T902 P2 pin



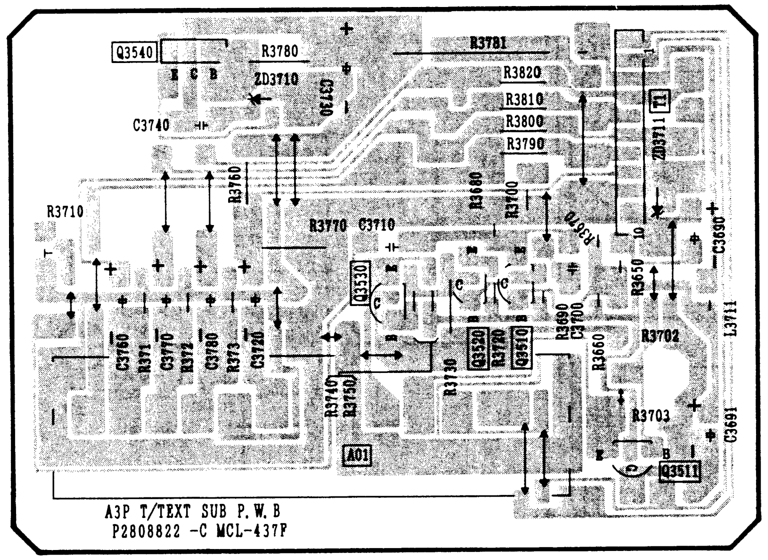
(5μsec)


TELETEXT SUB P.W.B.
TELETEXT P.W.B.
T1
I²C SDA
I²C SCL
R
G
B
YS
TEXT OUT
GND
TEXT IN
WM3
WM4
TO TinT SW. P.W.B.
R3760 27K
R3770 68K
Y+C
RC3720 100
C3720 22/16
Q3511 2SC3413
RK152 47
R3703 1K
L3711 100
C3691 100/16
R3660 47K
R3690 330
R3720 150
R3750 150
Q3520 2SA673
C3690 10/16
R3650 1.5K
Q3510 2SC3413
R3740 100
Q3530 2SA673
R3670 22K
R3680 330
C3700 120P
C3710 390P
R3730 150
R3700 330
R3710 10K-B
ZD3711 HZ12C3
R3781 18 3W
C3730 100/16
C3740 0.1
R3780 470 1/4W
Q3540 2SD882
ZD3710 HZS6B2
R3820 100 1/8W
C3780 1/50
R3810 100 1/8W
C3770 1/50
R3800 100 1/8W
C3760 1/50
R3790 100 1/8W
RK112 100
SDA
SCL
VIDEO
VIDEO
SYNC
5V
R
G
B
BLK
C351 0.01
R351 10K
C371 27P
C352 220P
X351 13.875MHz
C354 4.7P
C353 4.7P
FB351
C357 0.1
C355 220P
C356 0.001
R352 1K
IC351 CF72306
TSIG
SSIG
CSIG
A.GND
OSC1
OSC2
AVCC
CREF
A.GND
BIAS
SCAN
SYNC
D.GND
WIND
DVCC
OSC OUT
D.GND
TDATA
TCLK
TSTAPLB
R353 5.6K
C360 22P
C368 22/16
C361 0.1
C362 0.001
IC352 CF70200
TEST5
SYNC
VIDEO
DVCC
RSTB
CLK IN
D.GND
TEST1
TEST4
TDATA
TCLK
CSS
MUTE
TEST2
FLAG2
FLAG1
REF
RGB SET
A.GND
R
G
AVCC
B
BLK
SDA
SCL
TEST3
WIND
C364 100/6.3
R365 39K
C363 0.1
C365 0.1
C366 0.001
R355 100
R354 100
C359 100/6.3
R364 100K
D351 1SS270
IN
OUT
IC353
C367 1/50
LK126 100
CK126 100/6.3
Q351 2SC3413
R366 100
R367 1K 1/8W
CR366 39P
R359 180
R358 220
R357 220
R356 220
A
B
C
D
1
2
3
4
5
6

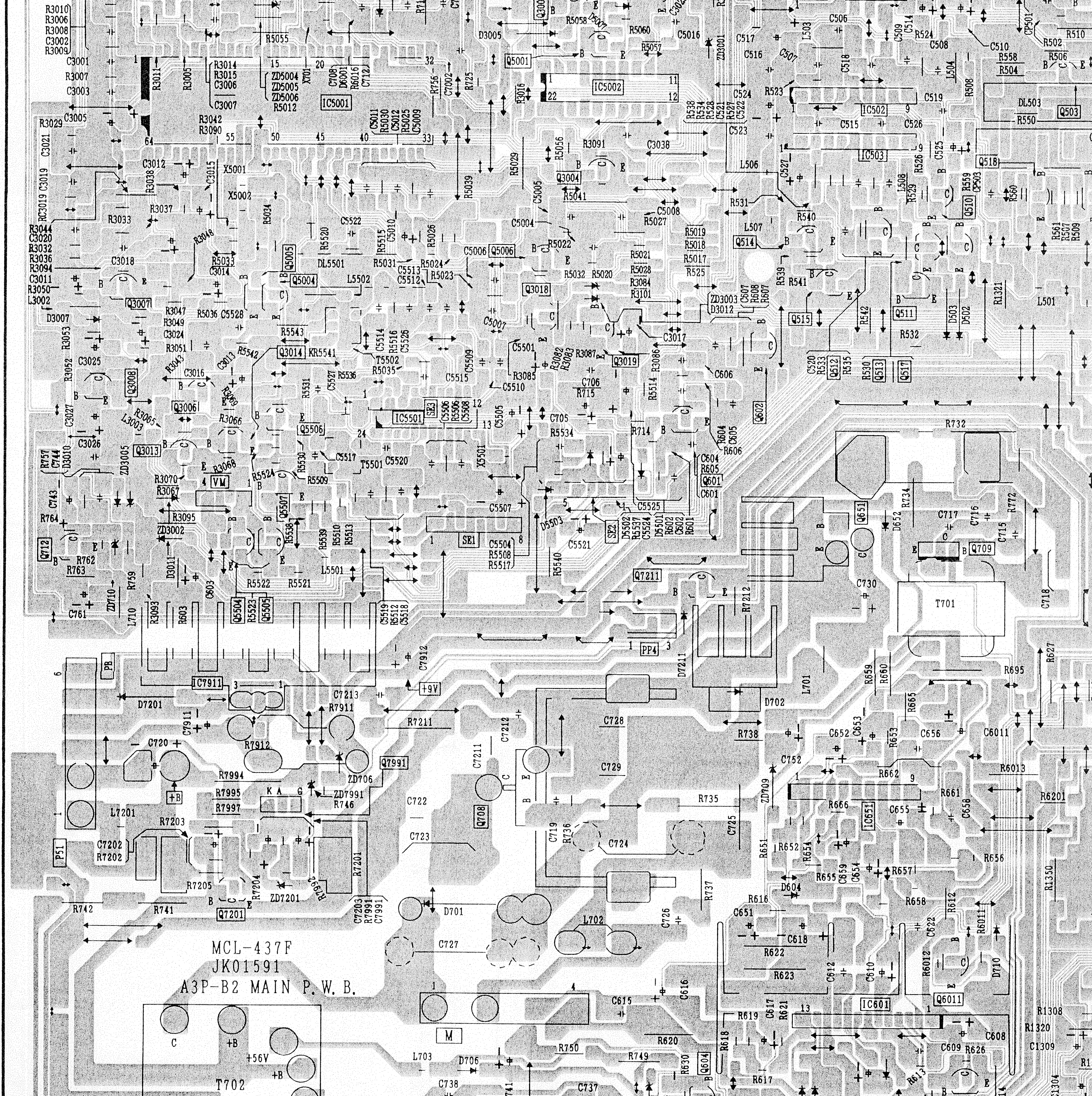
TELETEXT P.W.B.

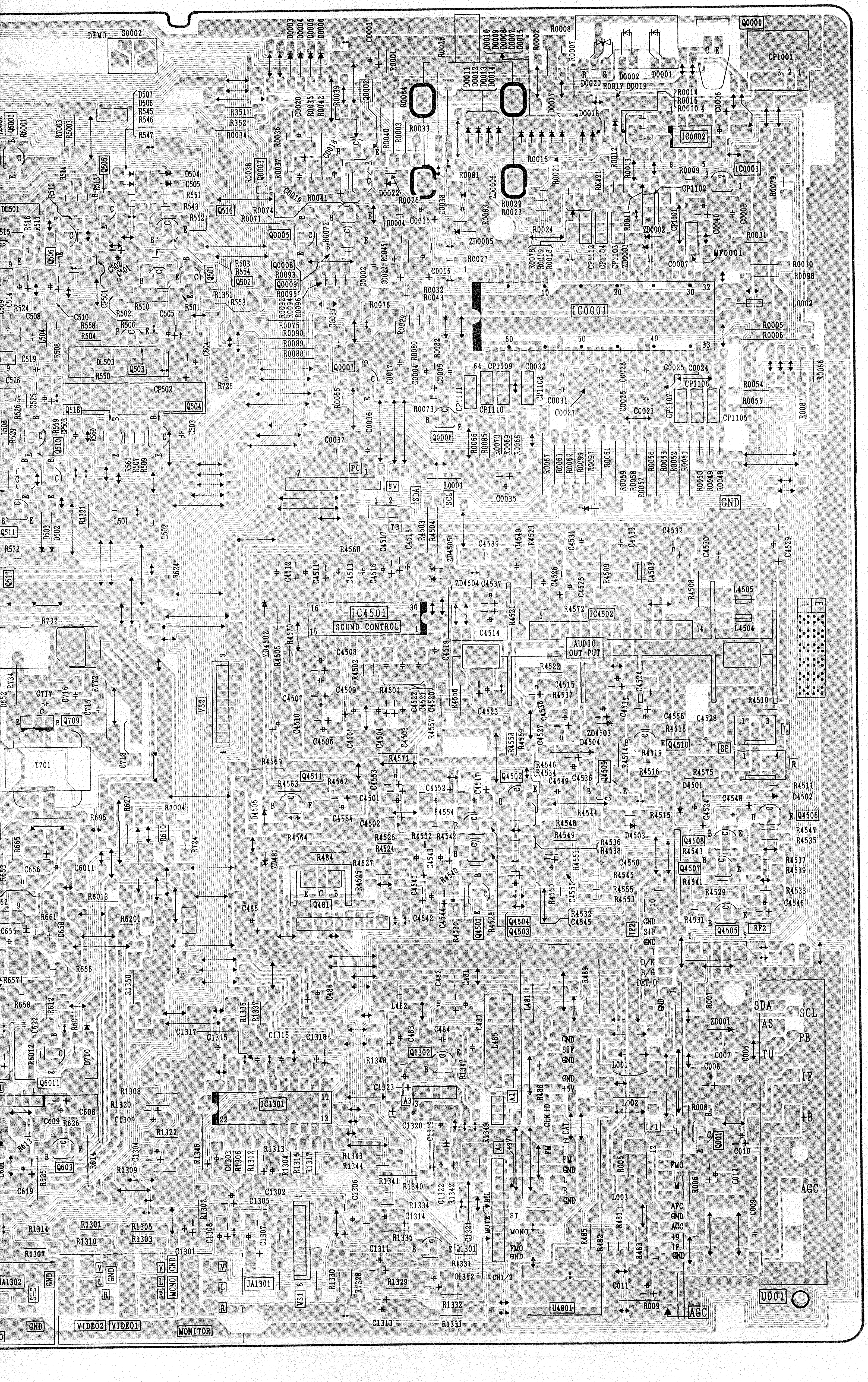


TELETEXT SUB P.W.B.

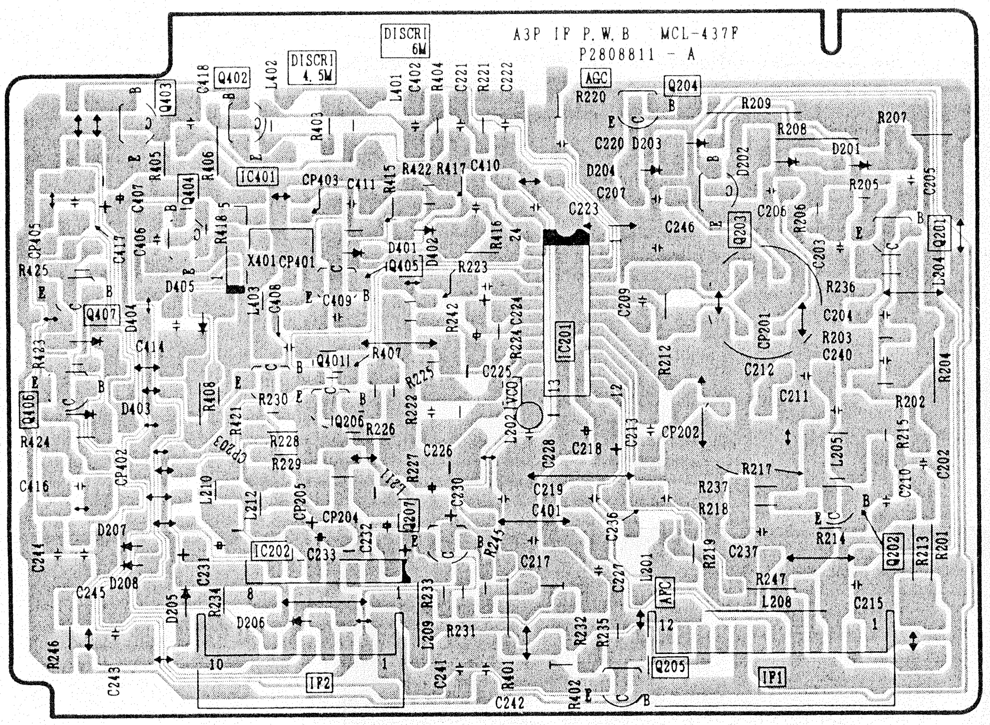

Q3540
E C B
R3780
ZD3710
C3730
C3740
R3781
R3820
R3810
R3800
R3790
T1
ZD3711
1
10
R3710
R3760
R3680
R3700
R3670
R3770 C3710
C3690
Q3530
C3760
R371
C3770
R372
C3780
R373
C3720
R3740
R3750
R3730
Q3520
R3720
Q3510
R3690
C3700
R3650
R3660
R3702
L3711
R3703
C3691
A01
Q3511
A3P T/TEXT SUB P.W.B
P2808822 -C MCL-437F

MAIN P.W.B.

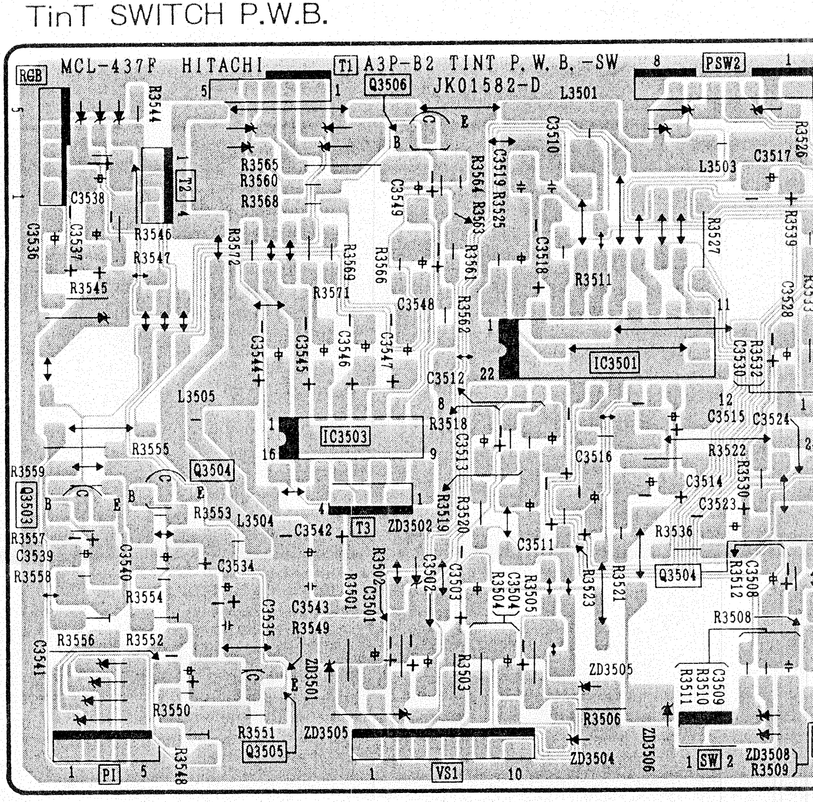

MCL-437F
JK01591
A3P-B2 MAIN P.W.B.
T702
T701
S. VIDEO
GND
VIDEO 2
JA1303
TV/VTR
VOL▽ VOL△ CH▽ CH△
S0001
DEMO
S0002
IC5001
IC5002
IC501
IC502
IC503
IC5501
IC601
IC651
IC7911
+9V
+B
+56V
+25V
+14V
ABL
200V
GND
H
C
M
MA
25V
12V
200V
HEATER
S-VIDEO
JA1302
VIDEO2
VIDEO1


DEMO
S0002
Q0001
CP1001
IC0001
IC0002
IC0003
IC4501
SOUND CONTROL
IC4502
AUDIO OUT PUT
IC1301
Q481
T701
VS2
VS1
PC
5V
SDA
SCL
T3
GND
L485
A1
A2
A3
IF1
IF2
RF2
SP
L
R
SDA
AS
TU
SCL
PB
IF
+B
AGC
U001
U4801
JA1301
JA1302
S-C
VIDEO2
VIDEO1
MONITOR
MUTE
BIL
ST
MONO
FMO
CHL/2

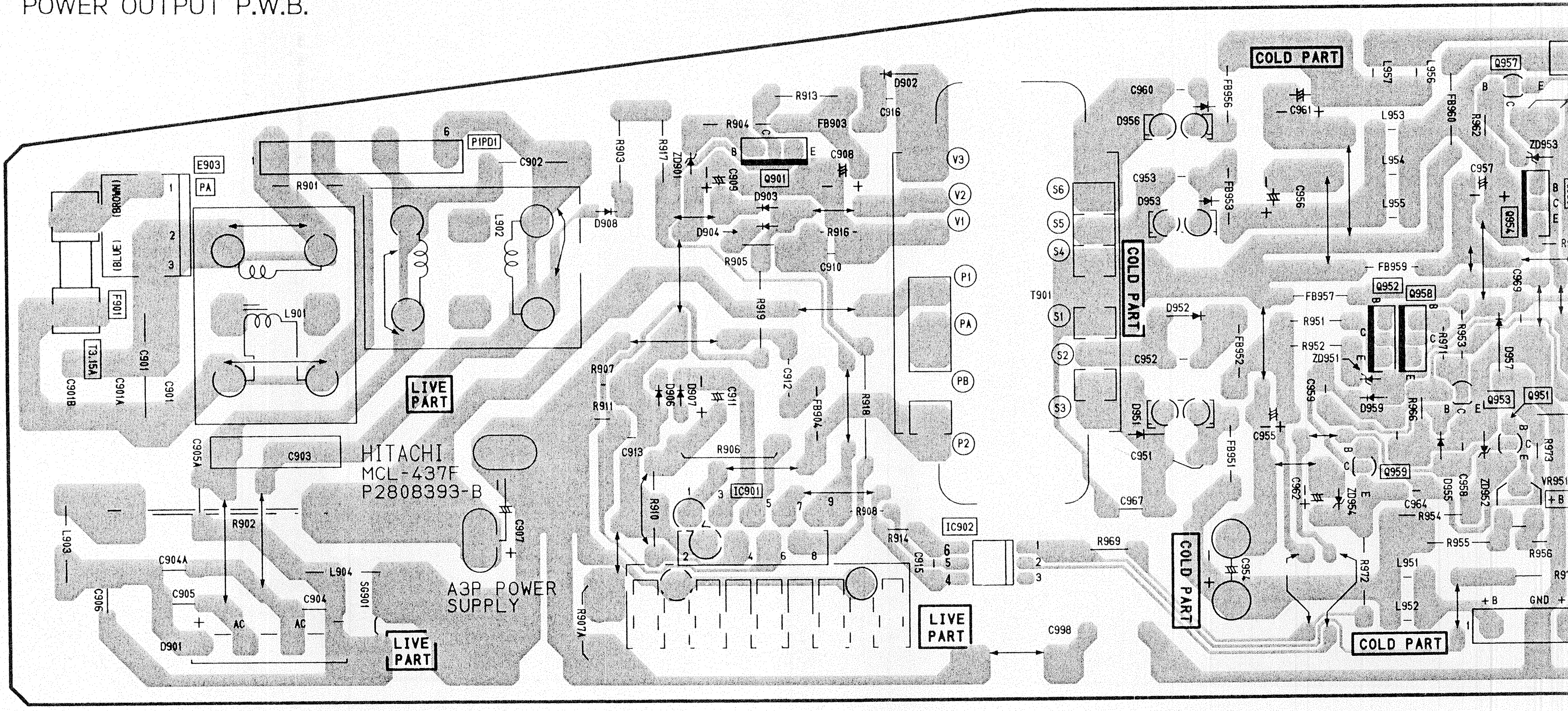
IF P.W.B.

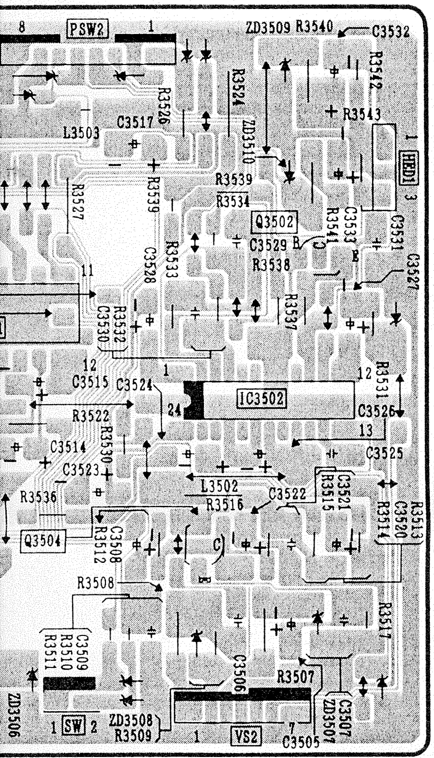

A3P IF P.W.B MCL-437F
P2808811 - A
DISCRI 6M
DISCRI 4.5M
IC201
IC401
IC202
IF1
IF2
AGC
APC

TinT SWITCH P.W.B.

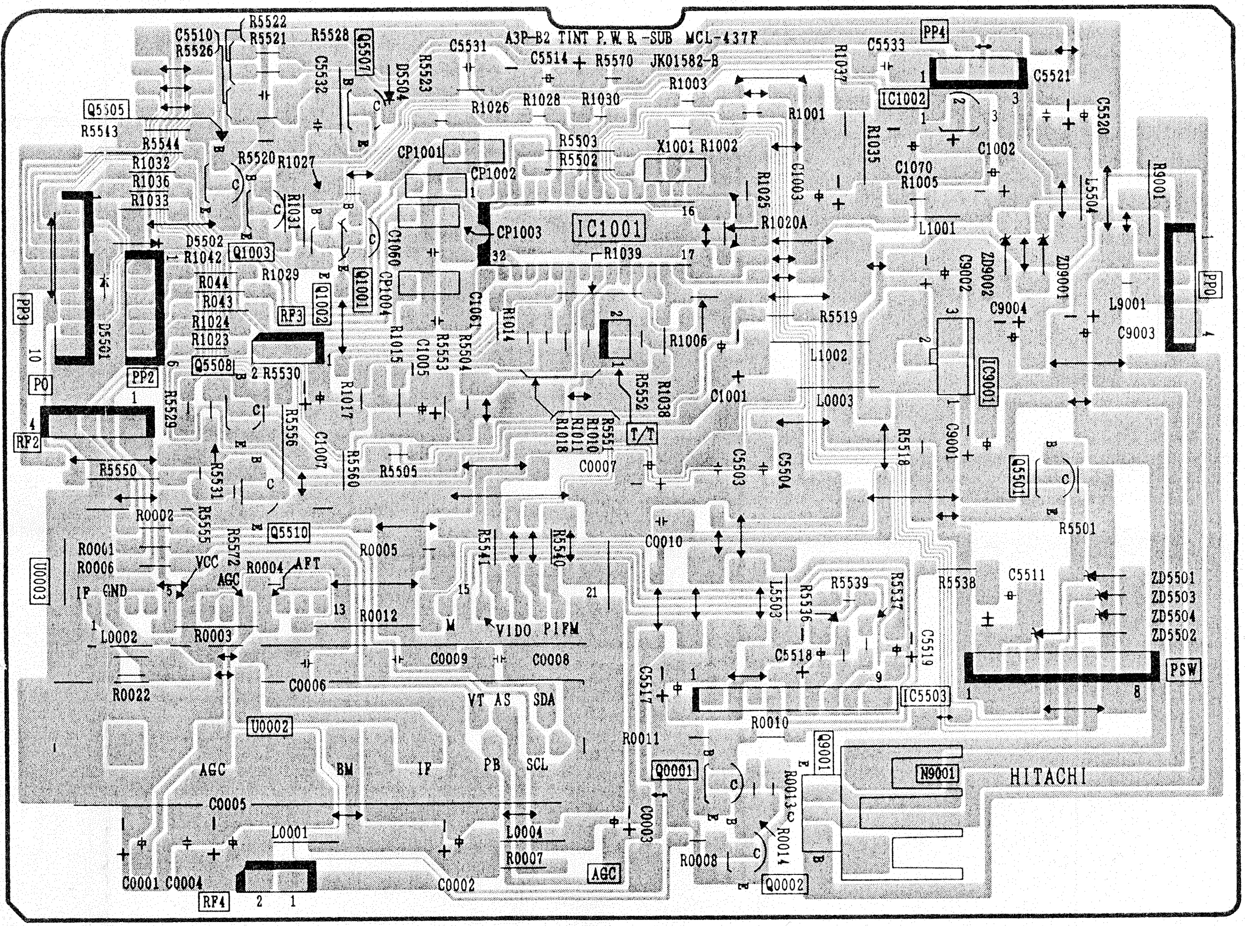

MCL-437F HITACHI
A3P-B2 TINT P.W.B.-SW
JK01582-D
RGB
PSW2
IC3501
IC3503
PI
VS1
SW

POWER OUTPUT P.W.B.


HITACHI
MCL-437F
P2808393-B
A3P POWER SUPPLY
LIVE PART
COLD PART
T901
IC901
IC902
E903
P1PD1
L901
L902
F901
T3.15A


PSW2
IC3502
Q3502
Q3504
HED1
SW
VS2

TinT SUB P.W.B.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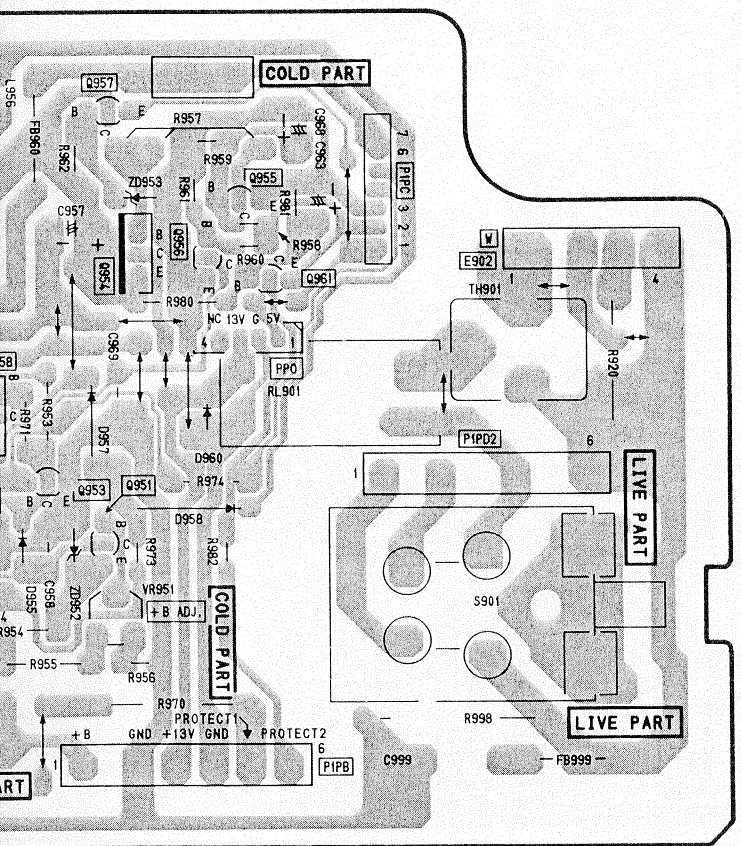
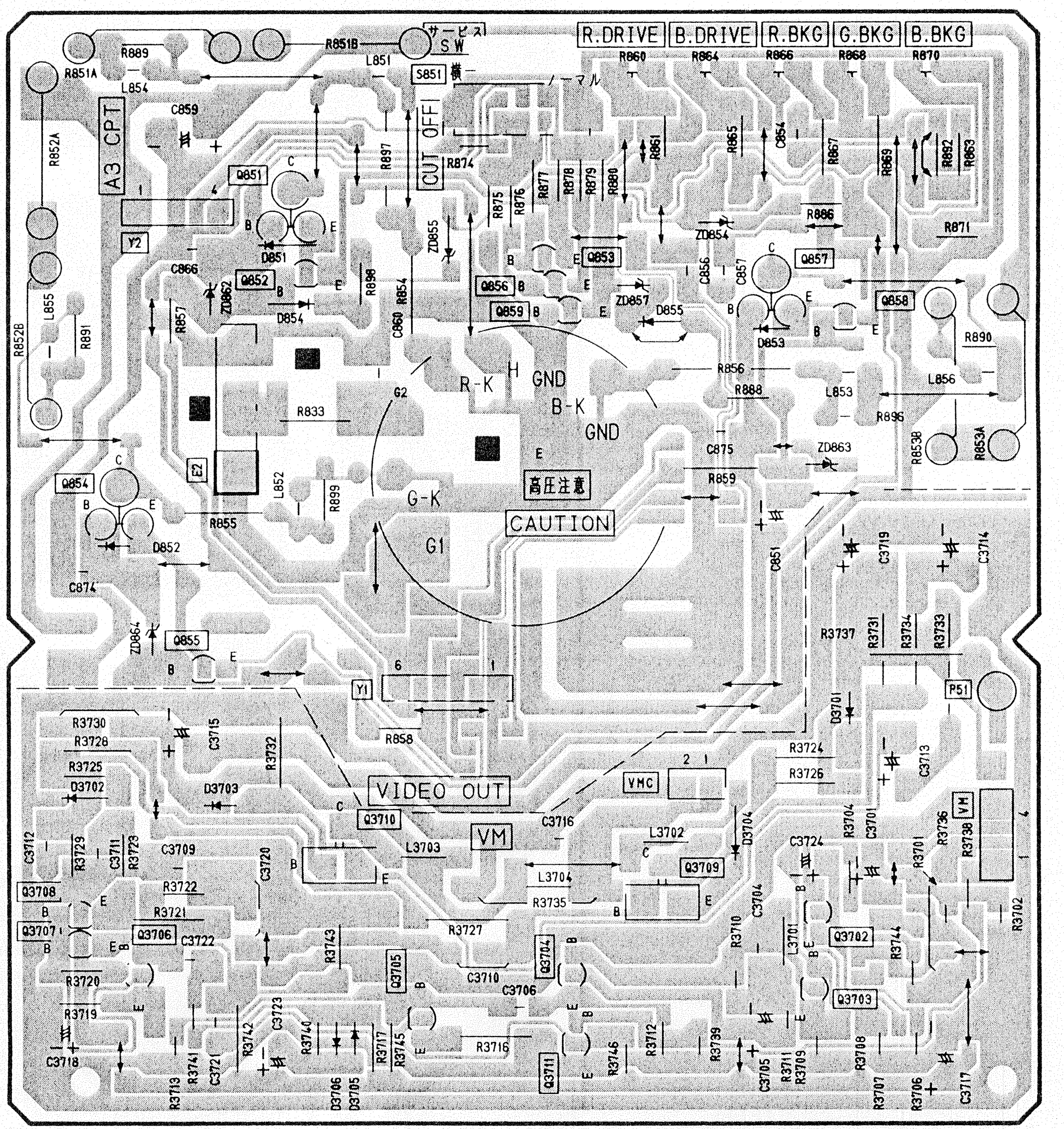
JK01582-B
IC1001
IC1002
IC5503
IC9001
U0002
U0001
Q5505
Q5507
Q5508
Q5510
Q1003
Q1001
Q5501
Q0001
Q0002
PP0
PP1
PP2
PP3
PP4
RP2
RP3
RP4
PSW
N9001
HITACHI
AGC
VCC
AFT
IF
GND
VIDO
PIFM
VT
AS
SDA
BM
PB
SCL


COLD PART
LIVE PART
COLD PART
LIVE PART
PPC
PP0
P1PD2
P1PB
RL901
E902
TH901
S901
NC 13V G 5V
+B ADJ.
VR951
PROTECT1
PROTECT2
+B
GND +13V GND

CPT P.W.B.


R.DRIVE
B.DRIVE
R.BKG
G.BKG
B.BKG
サービス
SW
S851
ノーマル
A3 CPT
CUT OFF
Y2
Y1
E2
G2
R-K
H
GND
B-K
GND
G-K
G1
高圧注意
CAUTION
VIDEO OUT
VMC
VM
P51
Q851
Q852
Q853
Q854
Q855
Q856
Q857
Q858
Q859
Q3701
Q3702
Q3703
Q3704
Q3705
Q3706
Q3707
Q3708
Q3709
Q3710
Q3711

REPLACEMENT PARTS LIST

PRODUCT SAFETY NOTE : Components marked with a ⚠ have special characteristics important to safety. Before replacing any of there components, read carefully, the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver through improper servicing.

ABBREVIATIONS
Capacitors········CD:Ceramic Disk, PF:Polyester Film, EL:Electrolytic, PP:Polypropylene, PR:Paper, TA:Tantalum, TM:Trimer.
Resistors·········CF:Carbon film, WW:Wire Would, FR:Fuse Resistor, MG:Metal Glazzed, VR:Variable resistor, CC:Carbon Composition, MF:Metal Oxide Film.
Semiconductors····TR:Transistor, DI:Diode, ZD:Zener Diode, VA:Varistor, TH:Thermistor.

SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C0001	0800015	EL 10MF 16V	C1003	0800072	EL 470MF 6.3V
C0001	0800291	EL 10MF 16V	C1005	0800308R	EL 33MF 16V
C0002	0800327	EL 100MF 25V	C1007	0800317	EL 47MF 16V
C0002	0880044	PF 0.01MF +-10% 50V	C1060	0248684	CD 100PF +-5% 50V
C0003	0800327	EL 100MF 25V	C1061	0248684	CD 100PF +-5% 50V
C0003	0880057	PF 0.1MF +-10% 50V	C1070	0800317	EL 47MF 16V
C0004	0800351	EL 470MF 6.3V	C1301	0800291	EL 10MF 16V
C0004	0880031	PF 1000PF +-10% 50V	C1302	0800291	EL 10MF 16V
C0005	0800327	EL 100MF 25V	C1303	0800291	EL 10MF 16V
C0005	0880057	PF 0.1MF +-10% 50V	C1304	0800291	EL 10MF 16V
C0006	0800047	EL 100MF 6.3V	C1305	0800291	EL 10MF 16V
C0006	0880018	PF 0.22MF +-10% 50V	C1306	0800291	EL 10MF 16V
C0007	0800361	EL 1000MF 16V	C1307	0800291	EL 10MF 16V
C0007	0880053	PF 0.047MF +-10% 50V	C1308	0800291	EL 10MF 16V
C0015	0800291	EL 10MF 16V	C1309	0800291	EL 10MF 16V
C0016	0800282	EL 2.2MF 50V	C1311	0800353R	EL 470MF 16V
C0017	0880044	PF 0.01MF +-10% 50V	C1312	0800291	EL 10MF 16V
C0018	0800279R	EL 1MF 50V	C1313	0800291	EL 10MF 16V
C0019	0890083	CD 470PF +-10% 50V	C1314	0800326	EL 100MF 16V
C0020	0800291	EL 10MF 16V	C1315	0800361	EL 1000MF 16V
C0022	0800282	EL 2.2MF 50V	C1316	0244171	CD 0.01MF +80-20% 50V
C0023	0890087	CD 1000PF +-10% 50V	C1317	0244171	CD 0.01MF +80-20% 50V
C0024	0890087	CD 1000PF +-10% 50V	C1318	0800291	EL 10MF 16V
C0025	0890087	CD 1000PF +-10% 50V	C1319	0284638	EL 10MF 16V
C0026	0890087	CD 1000PF +-10% 50V	C1320	0284638	EL 10MF 16V
C0027	0890087	CD 1000PF +-10% 50V	C1321	0880051	PF 0.033MF +-10% 50V
C0028	0890087	CD 1000PF +-10% 50V	C1322	0800291	EL 10MF 16V
C0031	0890087	CD 1000PF +-10% 50V	C1323	0800291	EL 10MF 16V
C0032	0890087	CD 1000PF +-10% 50V	C202	0244105	CD 2200PF +-10% 50V
C0035	0800351	EL 470MF 6.3V	C203	0880044	PF 0.01MF +-10% 50V
C0036	0880057	PF 0.1MF +-10% 50V	C204	0890117R	CD 18PF +-5% 50V
C0037	0880044	PF 0.01MF +-10% 50V	C205	0244105	CD 2200PF +-10% 50V
C0038	0880044	PF 0.01MF +-10% 50V	C206	0244105	CD 2200PF +-10% 50V
C0039	0890072	CD 68PF +-5% 50V	C207	0244105	CD 2200PF +-10% 50V
C0040	0800023	EL 22MF 16V	C209	0880044	PF 0.01MF +-10% 50V
C005	0244105	CD 2200PF +-10% 50V	C210	0244105	CD 2200PF +-10% 50V
C006	0800047	EL 100MF 6.3V	C211	0244171	CD 0.01MF +80-20% 50V
C007	0244171	CD 0.01MF +80-20% 50V	C212	0244105	CD 2200PF +-10% 50V
C009	0880044	PF 0.01MF +-10% 50V	C213	0244105	CD 2200PF +-10% 50V
C010	0800326	EL 100MF 16V	C215	0880044	PF 0.01MF +-10% 50V
C011	0800291	EL 10MF 16V	C217	0244105	CD 2200PF +-10% 50V
C012	0800361	EL 1000MF 16V	C218	0800326	EL 100MF 16V
C1001	0800049	EL 100MF 16V	C219	0246450	CD 27PF +-5% 50V
C1002	0800072	EL 470MF 6.3V	C220	0880031	PF 1000PF +-10% 50V

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C221	0880055	PF 0.068MF +-10% 50V	C3040	0800326	EL 100MF 16V
C222	0890076	CD 150PF +-10% 50V	C3501	0800015	EL 10MF 16V
C223	0880044	PF 0.01MF +-10% 50V	C3502	0800015	EL 10MF 16V
C224	0890061R	CD 10PF +-0.5% 50V	C3503	0800015	EL 10MF 16V
C225	0800001	EL 0.47MF 50V	C3504	0800015	EL 10MF 16V
C226	0246448	CD 22PF +-5% 50V	C3505	0800048	EL 100MF 10V
C227	0880057	PF 0.1MF +-10% 50V	C3506	0880009	PF 0.01MF +-10% 50V
C228	0880053	PF 0.047MF +-10% 50V	C3507	0890076	CD 150PF +-10% 50V
C230	0800041	EL 47MF 16V	C3508	0800015	EL 10MF 16V
C231	0800015	EL 10MF 16V	C3509	0880009	PF 0.01MF +-10% 50V
C232	0800015	EL 10MF 16V	C351	0800049	EL 100MF 16V
C233	0800015	EL 10MF 16V	C351	0880044	PF 0.01MF +-10% 50V
C236	0880031	PF 1000PF +-10% 50V	C3510	0880009	PF 0.01MF +-10% 50V
C237	0880044	PF 0.01MF +-10% 50V	C3511	0800015	EL 10MF 16V
C240	0244171	CD 0.01MF +80-20% 50V	C3512	0800015	EL 10MF 16V
C241	0244105	CD 2200PF +-10% 50V	C3513	0800015	EL 10MF 16V
C242	0244105	CD 2200PF +-10% 50V	C3514	0800015	EL 10MF 16V
C243	0244171	CD 0.01MF +80-20% 50V	C3515	0800015	EL 10MF 16V
C244	0244105	CD 2200PF +-10% 50V	C3516	0800015	EL 10MF 16V
C245	0244105	CD 2200PF +-10% 50V	C3517	0800015	EL 10MF 16V
C246	0244171	CD 0.01MF +80-20% 50V	C3518	0800049	EL 100MF 16V
C3001	0244171	CD 0.01MF +80-20% 50V	C3519	0880009	PF 0.01MF +-10% 50V
C3002	0244171	CD 0.01MF +80-20% 50V	C352	0880057	PF 0.1MF +-10% 50V
C3003	0244171	CD 0.01MF +80-20% 50V	C352	0890026	CD 220PF +-10% 50V
C3004	0244171	CD 0.01MF +80-20% 50V	C3520	0800049	EL 100MF 16V
C3005	0800291	EL 10MF 16V	C3521	0880009	PF 0.01MF +-10% 50V
C3006	0244171	CD 0.01MF +80-20% 50V	C3522	0800015	EL 10MF 16V
C3007	0244171	CD 0.01MF +80-20% 50V	C353	0890005	CD 4.7PF +-10% 50V
C3008	0800366	EL 2200MF 10V	C3534	0800049	EL 100MF 16V
C3009	0880057	PF 0.1MF +-10% 50V	C3535	0880009	PF 0.01MF +-10% 50V
C3010	0800282	EL 2.2MF 50V	C3536	0800003	EL 1MF 50V
C3011	0800279R	EL 1MF 50V	C3537	0800003	EL 1MF 50V
C3012	0800279R	EL 1MF 50V	C3538	0800003	EL 1MF 50V
C3013	0800279R	EL 1MF 50V	C3539	0800015	EL 10MF 16V
C3014	0800291	EL 10MF 16V	C354	0890005	CD 4.7PF +-10% 50V
C3015	0800282	EL 2.2MF 50V	C3540	0800015	EL 10MF 16V
C3016	0880044	PF 0.01MF +-10% 50V	C3541	0800015	EL 10MF 16V
C3017	0800279R	EL 1MF 50V	C3542	0800049	EL 100MF 16V
C3018	0244171	CD 0.01MF +80-20% 50V	C3543	0880009	PF 0.01MF +-10% 50V
C3019	0244171	CD 0.01MF +80-20% 50V	C3544	0800015	EL 10MF 16V
C3020	0244171	CD 0.01MF +80-20% 50V	C3545	0800015	EL 10MF 16V
C3021	0244171	CD 0.01MF +80-20% 50V	C3546	0800015	EL 10MF 16V
C3022	0800291	EL 10MF 16V	C3547	0800015	EL 10MF 16V
C3024	0800282	EL 2.2MF 50V	C3548	0800015	EL 10MF 16V
C3025	0800321	EL 47MF 50V	C3549	0800015	EL 10MF 16V
C3026	0880057	PF 0.1MF +-10% 50V	C355	0890026	CD 220PF +-10% 50V
C3027	0800326	EL 100MF 16V	C3551	0880009	PF 0.01MF +-10% 50V
C3028	0800366	EL 2200MF 10V	C356	0890035	CD 1000PF +-10% 50V
C3029	0800321	EL 47MF 50V	C357	0880057	PF 0.1MF +-10% 50V
C3031	0800291	EL 10MF 16V	C359	0800047	EL 100MF 6.3V
C3036	0800073	EL 470MF 10V	C360	0890013	CD 22PF +-20% 50V
C3038	0880057	PF 0.1MF +-10% 50V	C361	0880057	PF 0.1MF +-10% 50V

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C362	0890035	CD 1000PF +-10% 50V	C4504	0800291	EL 10MF 16V
C363	0880057	PF 0.1MF +-10% 50V	C4505	0800291	EL 10MF 16V
C364	0800047	EL 100MF 6.3V	C4506	0800291	EL 10MF 16V
C365	0880057	PF 0.1MF +-10% 50V	C4507	0800291	EL 10MF 16V
C366	0890035	CD 1000PF +-10% 50V	C4508	0800291	EL 10MF 16V
C367	0800109	EL 1MF 50V	C4509	0880044	PF 0.01MF +-10% 50V
C368	0800023	EL 22MF 16V	C4510	0800367	EL 2200MF 16V
C3690	0800015	EL 10MF 16V	C4511	0800361	EL 1000MF 16V
C3691	0800326	EL 100MF 16V	C4512	0880044	PF 0.01MF +-10% 50V
C3700	0890075	CD 120PF +-5% 50V	C4513	0800291	EL 10MF 16V
C3701	0252416	EL 0.47MF 50V	C4514	0800291	EL 10MF 16V
C3704	0890081R	CD 330PF +-10% 50V	C4515	0800291	EL 10MF 16V
C3705	0800326	EL 100MF 16V	C4516	0880041	PF 5600PF +-10% 50V
C3706	0880044	PF 0.01MF +-10% 50V	C4517	0800291	EL 10MF 16V
C3709	0890074	CD 100PF +-5% 50V	C4518	0800284R	EL 3.3MF 50V
C371	0890066	CD 27PF +-5% 50V	C4519	0880052	PF 0.039MF 50V +-10%
C3710	0890082R	CD 390PF +-10% 50V	C4520	0880044	PF 0.01MF +-10% 50V
C3710	AJ00001R	CD 0.01MF +80-20% 500V	C4521	0880052	PF 0.039MF 50V +-10%
C3711	0890074	CD 100PF +-5% 50V	C4522	0880052	PF 0.039MF 50V +-10%
C3712	0244509	CD 4700PF +-10% 500V	C4523	0800319R	EL 47MF 35V
C3713	0253959	EL 47MF 160V	C4524	0800319R	EL 47MF 35V
C3714	0253959	EL 47MF 160V	C4525	0800336R	EL 220MF 25V
C3715	0253957	EL 22MF 160V	C4526	0880035	PF 2200PF +-10% 50V
C3716	0247848	CD 56PF +-5% 500V	C4527	0880035	PF 2200PF +-10% 50V
C3717	0800042	EL 47MF 25V	C4528	0800363	EL 1000MF 35V
C3718	0800042	EL 47MF 25V	C4529	0800363	EL 1000MF 35V
C3719	0253959	EL 47MF 160V	C4530	0880057	PF 0.1MF +-10% 50V
C3720	0800023	EL 22MF 16V	C4531	0880057	PF 0.1MF +-10% 50V
C3720	AJ00001R	CD 0.01MF +80-20% 500V	C4532	0800364	EL 1000MF 50V
C3721	0880057	PF 0.1MF +-10% 50V	C4533	0276721	PF 0.22MF 50V +-5%
C3722	0880057	PF 0.1MF +-10% 50V	C4534	0800317	EL 47MF 16V
C3723	0800326	EL 100MF 16V	C4535	0800326	EL 100MF 16V
C3724	0800041	EL 47MF 16V	C4536	0800317	EL 47MF 16V
C3730	0800326	EL 100MF 16V	C4537	0800291	EL 10MF 16V
C3740	0880057	PF 0.1MF +-10% 50V	C4538	0800291	EL 10MF 16V
C3760	0800003	EL 1MF 50V	C4539	0880053	PF 0.047MF +-10% 50V
C3770	0800003	EL 1MF 50V	C4540	0880057	PF 0.1MF +-10% 50V
C3780	0800003	EL 1MF 50V	C4541	0800291	EL 10MF 16V
C402	0880044	PF 0.01MF +-10% 50V	C4542	0800291	EL 10MF 16V
C406	0244171	CD 0.01MF +80-20% 50V	C4543	0800291	EL 10MF 16V
C407	0800041	EL 47MF 16V	C4544	0800291	EL 10MF 16V
C408	0890067	CD 33PF +-5% 50V	C4545	0800286R	EL 4.7MF 25V
C409	0244171	CD 0.01MF +80-20% 50V	C4546	0800286R	EL 4.7MF 25V
C410	0244171	CD 0.01MF +80-20% 50V	C4547	0800282	EL 2.2MF 50V
C411	0244171	CD 0.01MF +80-20% 50V	C4548	0800282	EL 2.2MF 50V
C414	0244171	CD 0.01MF +80-20% 50V	C4549	0880053	PF 0.047MF +-10% 50V
C416	0890066	CD 27PF +-5% 50V	C4550	0880053	PF 0.047MF +-10% 50V
C417	0890066	CD 27PF +-5% 50V	C4551	0800317	EL 47MF 16V
C418	0880044	PF 0.01MF +-10% 50V	C4552	0800326	EL 100MF 16V
C4501	0800282	EL 2.2MF 50V	C4553	0800326	EL 100MF 16V
C4502	0800282	EL 2.2MF 50V	C4554	0800319R	EL 47MF 35V
C4503	0800279R	EL 1MF 50V	C4556	0800286R	EL 4.7MF 25V

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C481	0800048	EL 100MF 10V	C5510	0274655	PF 2200PF +-5% 50V
C482	0880044	PF 0.01MF +-10% 50V	C5510	0880044	PF 0.01MF +-10% 50V
C483	0800365	EL 2200MF 6.3V	C5511	0284623R	EL 1MF 50V
C484	0880044	PF 0.01MF +-10% 50V	C5512	0880044	PF 0.01MF +-10% 50V
C485	0800365	EL 2200MF 6.3V	C5513	0890077	CD 180PF +-10% 50V
C486	0800047	EL 100MF 6.3V	C5514	0284447R	EL 2.2MF 50V
C487	0880044	PF 0.01MF +-10% 50V	C5514	0880044	PF 0.01MF +-10% 50V
C5004	0244171	CD 0.01MF +80-20% 50V	C5517	0800318	EL 47MF 25V
C5005	0244171	CD 0.01MF +80-20% 50V	C5517	0880044	PF 0.01MF +-10% 50V
C5006	0244171	CD 0.01MF +80-20% 50V	C5518	0800015	EL 10MF 16V
C5007	0244171	CD 0.01MF +80-20% 50V	C5518	0890071	CD 56PF +-5% 50V
C5008	0244171	CD 0.01MF +80-20% 50V	C5519	0800015	EL 10MF 16V
C5009	0244171	CD 0.01MF +80-20% 50V	C5519	0890078R	CD 220PF +-10% 50V
C501	0880057	PF 0.1MF +-10% 50V	C5520	0800049	EL 100MF 16V
C5010	0800277R	EL 0.47MF 50V	C5520	0880044	PF 0.01MF +-10% 50V
C5011	0244171	CD 0.01MF +80-20% 50V	C5521	0800279R	EL 1MF 50V
C5012	0244171	CD 0.01MF +80-20% 50V	C5521	0880044	PF 0.01MF +-10% 50V
C5015	0880044	PF 0.01MF +-10% 50V	C5522	0880044	PF 0.01MF +-10% 50V
C5016	0880053	PF 0.047MF +-10% 50V	C5524	0800317	EL 47MF 16V
C502	0800326	EL 100MF 16V	C5525	0800317	EL 47MF 16V
C503	0880057	PF 0.1MF +-10% 50V	C5526	0890071	CD 56PF +-5% 50V
C504	0800326	EL 100MF 16V	C5527	0880044	PF 0.01MF +-10% 50V
C505	0800317	EL 47MF 16V	C5531	0880035	PF 2200PF +-10% 50V
C506	0890061R	CD 10PF +-0.5% 50V	C5533	0880044	PF 0.01MF +-10% 50V
C507	0890069	CD 47PF +-5% 50V	C601	0880046	PF 0.015MF +-10% 50V
C508	0880031	PF 1000PF +-10% 50V	C6011	0284623R	EL 1MF 50V
C509	0246462	CD 82PF +-10% 50V	C602	0880051	PF 0.033MF +-10% 50V
C510	0800317	EL 47MF 16V	C603	0800291	EL 10MF 16V
C511	0880057	PF 0.1MF +-10% 50V	C604	0880037	PF 3300PF +-10% 50V
C512	0800326	EL 100MF 16V	C605	0880037	PF 3300PF +-10% 50V
C513	0800317	EL 47MF 16V	C606	0880057	PF 0.1MF +-10% 50V
C514	0800317	EL 47MF 16V	C607	0890081R	CD 330PF +-10% 50V
C515	0880044	PF 0.01MF +-10% 50V	C608	0800317	EL 47MF 16V
C516	0880057	PF 0.1MF +-10% 50V	C609	0880044	PF 0.01MF +-10% 50V
C517	0800326	EL 100MF 16V	C610	0298261R	TA 1MF +-10% 35V
C518	0880044	PF 0.01MF +-10% 50V	C611	0800329	EL 100MF 50V
C519	0880044	PF 0.01MF +-10% 50V	C612	0890081R	CD 330PF +-10% 50V
C520	0880044	PF 0.01MF +-10% 50V	C615	0880051	PF 0.033MF +-10% 50V
C521	0890066	CD 27PF +-5% 50V	C616	0800363	EL 1000MF 35V
C522	0880044	PF 0.01MF +-10% 50V	C617	0800007	EL 3.3MF 50V
C523	0880057	PF 0.1MF +-10% 50V	C618	0800032	EL 33MF 16V
C524	0800326	EL 100MF 16V	C619	0800328	EL 100MF 35V
C525	0800291	EL 10MF 16V	C622	0890085	CD 680PF +-10% 50V
C526	0880044	PF 0.01MF +-10% 50V	C623	0800317	EL 47MF 16V
C527	0800279R	EL 1MF 50V	C625	0800294	EL 10MF 50V
C5501	0800279R	EL 1MF 50V	C651	0800023	EL 22MF 16V
C5504	0880057	PF 0.1MF +-10% 50V	C652	0284446R	EL 1MF 50V
C5505	0800291	EL 10MF 16V	C653	0284446R	EL 1MF 50V
C5506	0880051	PF 0.033MF +-10% 50V	C654	0800317	EL 47MF 16V
C5507	0800353R	EL 470MF 16V	C655	0284638	EL 10MF 16V
C5508	0880057	PF 0.1MF +-10% 50V	C656	0244109	CD 4700PF +-10% 50V
C5509	0880044	PF 0.01MF +-10% 50V	C658	0284621R	EL 0.47MF 50V

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SYMBOL NO.	PART NO.	DESCRIPTION
C7001	0890082R	CD 390PF +-10% 50V
C7002	0244171	CD 0.01MF +80-20% 50V
C701	0800359R	EL 1000MF 10V
C702	0880044	PF 0.01MF +-10% 50V
C705	0800279R	EL 1MF 50V
C706	0890081R	CD 330PF +-10% 50V
C707	0880057	PF 0.1MF +-10% 50V
C708	0880047	PF 0.018MF +-10% 50V
C709	0800286R	EL 4.7MF 25V
C711	0880031	PF 1000PF +-10% 50V
C712	0880035	PF 2200PF +-10% 50V
C713	0890082R	CD 390PF +-10% 50V
C715	0247850	CD 68PF +-5% 500V
C716	0243507	CD 330PF +-10% 500V
C717	0244505	CD 2200PF +-10% 500V
C718	0299918	PP 0.022MF +-10% 200V
C719	0890081R	CD 330PF +-10% 50V
C720	0253862F	EL 220MF 160V
C7202	0800327	EL 100MF 25V
C7203	0800032	EL 33MF 16V
C721	0880057	PF 0.1MF +-10% 50V
⚠C7211	0249491	CD 470PF +-10% 2.5KV
⚠C7212	0244507	CD 3300PF +-10% 500V
C7213	0247842	CD 33PF +-5% 500V
⚠C723	0299669F	PP 3900PF +-5% 1.6KV
⚠C724	0299932	PP 0.33MF +-10% 200V
⚠C725	0299930	PP 0.22MF +-10% 200V
C726	0244501	CD 1000PF +-10% 500V
⚠C727	0262429F	PP 0.012MF +-5% 1800V
C728	0299720	PP 0.015MF +-5% 630V
C729	0299720	PP 0.015MF +-5% 630V
C730	0259474	EL 6.8MF 25V
C732	0800294	EL 10MF 50V
C733	0800354	EL 470MF 25V
C735	0800353R	EL 470MF 16V
C737	0284442	EL 2200MF 35V
C738	0243510	CD 560PF +-10% 500V
C739	0253974N	EL 33MF 250V
C740	0800327	EL 100MF 25V
C741	0800021	EL 10MF 100V
C743	0800277R	EL 0.47MF 50V
C744	0880057	PF 0.1MF +-10% 50V
C749	0243505	CD 220PF +-10% 500V
C752	0800326	EL 100MF 16V
C761	0800317	EL 47MF 16V
C7901	0800361	EL 1000MF 16V
C7911	0800326	EL 100MF 16V
C7912	0800353R	EL 470MF 16V
C7991	0800291	EL 10MF 16V
C851	0800326	EL 100MF 16V
C854	0890083	CD 470PF +-10% 50V
C856	0890086	CD 820PF +-10% 50V
C857	0890088	CD 1200PF +-10% 50V
C859	0253971	EL 4.7MF 250V
C860	0244889	CD 2200PF +-10% 2KV
C866	0244171	CD 0.01MF +80-20% 50V
C874	0244171	CD 0.01MF +80-20% 50V
C875	0244171	CD 0.01MF +80-20% 50V
C9001	0800082	EL 1000MF 16V
C9002	0800079	EL 1000MF 6.3V
C9003	0800053	EL 100MF 50V
C9004	0800051	EL 100MF 25V
⚠C901	0262774	PP 0.22MF +-20% 250V
⚠C903	0248594F	CD 0.01MF +-80-20% 250V
C904	0248593F	CD 4700PF +80-20% 250V
C904A	0244501	CD 1000PF +-10% 500V
C905	0248593F	CD 4700PF +80-20% 250V
C905A	0244501	CD 1000PF +-10% 500V
C906	0248594F	CD 0.01MF +-80-20% 250V
C907	0251886	EL 330MF 400V
C908	0800339	EL 220MF 63V
C909	0284404R	EL 100MF 16V
C910	0890087	CD 1000PF +-10% 50V
C911	0284405R	EL 220MF 16V
C912	0244213	CD 1500PF +-10% 2KV
C913	0244105	CD 2200PF +-10% 50V
C915	0880041	PF 5600PF +-10% 50V
C916	0243507	CD 330PF +-10% 500V
C951	0244202	CD 470PF +-10% 2KV
C952	0243507	CD 330PF +-10% 500V
C953	0243507	CD 330PF +-10% 500V
C954	0251703	EL 390MF 160V
C955	0284478	EL 10MF 100V
C956	0285224	EL 2200MF 25V
C957	0800049	EL 100MF 16V
C958	0244505	CD 2200PF +-10% 500V
C959	0279687R	PF 0.01MF +-10% 100V
C960	0243507	CD 330PF +-10% 500V
C961	0255011F	EL 2200MF 31.5V
C962	0800005	EL 2.2MF 50V
C963	0800049	EL 100MF 16V
C964	0890087	CD 1000PF +-10% 50V
C965	0880044	PF 0.01MF +-10% 50V
C967	0244202	CD 470PF +-10% 2KV
C968	0800023	EL 22MF 16V
C969	0880044	PF 0.01MF +-10% 50V
⚠C998	0247974	CD 2200PF +80-20%
⚠C999	0249498	CD 1000PF 4000V
CK126	0800047	EL 100MF 6.3V
CR212	0890117R	CD 18PF +-5% 50V
CR366	0890068	CD 39PF +-5% 50V
R0001	0100125	CF 330K OHM +-5% 1/8W
R0001	0700027	CF 100 OHM +-5% 1/16W
R0002	0100129	CF 470K OHM +-5% 1/8W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R0002	0700027	CF 100 OHM +-5% 1/16W	R0048	0700027	CF 100 OHM +-5% 1/16W
R0003	0100117	CF 150K OHM +-5% 1/8W	R0049	0700027	CF 100 OHM +-5% 1/16W
R0003	0700067	CF 100K OHM +-5% 1/16W	R005	0100121	CF 220K OHM +-5% 1/8W
R0004	0100121	CF 220K OHM +-5% 1/8W	R0050	0700041	CF 1K OHM +-5% 1/16W
R0004	0700064	CF 56K OHM +-5% 1/16W	R0051	0700041	CF 1K OHM +-5% 1/16W
R0005	0700041	CF 1K OHM +-5% 1/16W	R0052	0700041	CF 1K OHM +-5% 1/16W
R0005	0700063	CF 47K OHM +-5% 1/16W	R0053	0100121	CF 220K OHM +-5% 1/8W
R0006	0700041	CF 1K OHM +-5% 1/16W	R0054	0700041	CF 1K OHM +-5% 1/16W
R0006	0700041	CF 1K OHM +-5% 1/16W	R0055	0700041	CF 1K OHM +-5% 1/16W
R0007	0700041	CF 1K OHM +-5% 1/16W	R0056	0700041	CF 1K OHM +-5% 1/16W
R0007	0700054	CF 10K OHM +-5% 1/16W	R0057	0700041	CF 1K OHM +-5% 1/16W
R0008	0700027	CF 100 OHM +-5% 1/16W	R0058	0700041	CF 1K OHM +-5% 1/16W
R0008	0700046	CF 2.7K OHM +-5% 1/16W	R0059	0700041	CF 1K OHM +-5% 1/16W
R0009	0700051	CF 5.6K OHM +-5% 1/16W	R006	0700045	CF 2.2K OHM +-5% 1/16W
R0010	0700054	CF 10K OHM +-5% 1/16W	R0061	0700041	CF 1K OHM +-5% 1/16W
R0010	0700058	CF 22K OHM +-5% 1/16W	R0062	0700041	CF 1K OHM +-5% 1/16W
R0011	0700054	CF 10K OHM +-5% 1/16W	R0063	0700041	CF 1K OHM +-5% 1/16W
R0011	0700058	CF 22K OHM +-5% 1/16W	R0065	0700041	CF 1K OHM +-5% 1/16W
R0012	0700027	CF 100 OHM +-5% 1/16W	R0066	0700045	CF 2.2K OHM +-5% 1/16W
R0012	0700058	CF 22K OHM +-5% 1/16W	R0067	0700041	CF 1K OHM +-5% 1/16W
R0013	0700054	CF 10K OHM +-5% 1/16W	R0068	0700041	CF 1K OHM +-5% 1/16W
R0013	0700063	CF 47K OHM +-5% 1/16W	R0069	0700041	CF 1K OHM +-5% 1/16W
R0014	0700054	CF 10K OHM +-5% 1/16W	R007	0700064	CF 56K OHM +-5% 1/16W
R0014	0700054	CF 10K OHM +-5% 1/16W	R0070	0700041	CF 1K OHM +-5% 1/16W
R0015	0700045	CF 2.2K OHM +-5% 1/16W	R0071	0700062	CF 39K OHM +-5% 1/16W
R0016	0700041	CF 1K OHM +-5% 1/16W	R0072	0700053	CF 8.2K OHM +-5% 1/16W
R0017	0700041	CF 1K OHM +-5% 1/16W	R0073	0700054	CF 10K OHM +-5% 1/16W
R0018	0700046	CF 2.7K OHM +-5% 1/16W	R0074	0700054	CF 10K OHM +-5% 1/16W
R0019	0700046	CF 2.7K OHM +-5% 1/16W	R0075	0700058	CF 22K OHM +-5% 1/16W
R0021	0700058	CF 22K OHM +-5% 1/16W	R0076	0700054	CF 10K OHM +-5% 1/16W
R0022	0700058	CF 22K OHM +-5% 1/16W	R0078	0700054	CF 10K OHM +-5% 1/16W
R0023	0700058	CF 22K OHM +-5% 1/16W	R0079	0700041	CF 1K OHM +-5% 1/16W
R0024	0700058	CF 22K OHM +-5% 1/16W	R008	0700064	CF 56K OHM +-5% 1/16W
R0026	0700054	CF 10K OHM +-5% 1/16W	R0080	0700041	CF 1K OHM +-5% 1/16W
R0027	0700051	CF 5.6K OHM +-5% 1/16W	R0081	0700055	CF 12K OHM +-5% 1/16W
R0028	0700054	CF 10K OHM +-5% 1/16W	R0082	0700041	CF 1K OHM +-5% 1/16W
R0029	0700045	CF 2.2K OHM +-5% 1/16W	R0083	0700055	CF 12K OHM +-5% 1/16W
R0030	0700067	CF 100K OHM +-5% 1/16W	R0084	0700041	CF 1K OHM +-5% 1/16W
R0031	0100115	CF 120K OHM +-5% 1/8W	R0085	0700041	CF 1K OHM +-5% 1/16W
R0032	0700054	CF 10K OHM +-5% 1/16W	R0086	0700027	CF 100 OHM +-5% 1/16W
R0033	0700054	CF 10K OHM +-5% 1/16W	R0087	0700027	CF 100 OHM +-5% 1/16W
R0034	0700027	CF 100 OHM +-5% 1/16W	R0088	0700041	CF 1K OHM +-5% 1/16W
R0035	0700054	CF 10K OHM +-5% 1/16W	R0089	0700041	CF 1K OHM +-5% 1/16W
R0036	0700064	CF 56K OHM +-5% 1/16W	R009	0100105	CF 47K OHM +-5% 1/8W
R0037	0700041	CF 1K OHM +-5% 1/16W	R0090	0700041	CF 1K OHM +-5% 1/16W
R0038	0700051	CF 5.6K OHM +-5% 1/16W	R0091	0700051	CF 5.6K OHM +-5% 1/16W
R0039	0700058	CF 22K OHM +-5% 1/16W	R0092	0700064	CF 56K OHM +-5% 1/16W
R0040	0700054	CF 10K OHM +-5% 1/16W	R0093	0700062	CF 39K OHM +-5% 1/16W
R0041	0700067	CF 100K OHM +-5% 1/16W	R0094	0700064	CF 56K OHM +-5% 1/16W
R0042	0700041	CF 1K OHM +-5% 1/16W	R0095	0700062	CF 39K OHM +-5% 1/16W
R0043	0700048	CF 3.9K OHM +-5% 1/16W	R0096	0700067	CF 100K OHM +-5% 1/16W
R0045	0700054	CF 10K OHM +-5% 1/16W	R0097	0700027	CF 100 OHM +-5% 1/16W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R0098	0700027	CF 100 OHM +-5% 1/16W	R1323	0100045	CF 150 OHM +-5% 1/8W
R0099	0700027	CF 100 OHM +-5% 1/16W	R1324	0100113	CF 100K OHM +-5% 1/8W
R043	0700036	CF 470 OHM +-5% 1/16W	R1325	0100113	CF 100K OHM +-5% 1/8W
R044	0700036	CF 470 OHM +-5% 1/16W	R1326	0100111	CF 82K OHM +-5% 1/8W
R1001	0700041	CF 1K OHM +-5% 1/16W	R1327	0100111	CF 82K OHM +-5% 1/8W
R1002	0700041	CF 1K OHM +-5% 1/16W	R1328	0100113	CF 100K OHM +-5% 1/8W
R1003	0700054	CF 10K OHM +-5% 1/16W	R1329	0100113	CF 100K OHM +-5% 1/8W
R1005	0700054	CF 10K OHM +-5% 1/16W	R1330	0100113	CF 100K OHM +-5% 1/8W
R1006	0700067	CF 100K OHM +-5% 1/16W	R1331	0100038	CF 75 OHM +-5% 1/8W
R1010	0700045	CF 2.2K OHM +-5% 1/16W	R1332	0100063	CF 820 OHM +-5% 1/8W
R1011	0700052	CF 6.8K OHM +-5% 1/16W	R1333	0100063	CF 820 OHM +-5% 1/8W
R1015	0700053	CF 8.2K OHM +-5% 1/16W	R1334	0700027	CF 100 OHM +-5% 1/16W
R1017	0700057	CF 18K OHM +-5% 1/16W	R1335	0114143	CF 330 OHM +-5% 1/4W
R1020A	0700058	CF 22K OHM +-5% 1/16W	R1336	0100073	CF 2.2K OHM +-5% 1/8W
R1023	0700037	CF 560 OHM +-5% 1/16W	R1337	0100073	CF 2.2K OHM +-5% 1/8W
R1024	0700037	CF 560 OHM +-5% 1/16W	R1340	0700027	CF 100 OHM +-5% 1/16W
R1025	0700054	CF 10K OHM +-5% 1/16W	R1341	0700027	CF 100 OHM +-5% 1/16W
R1026	0700054	CF 10K OHM +-5% 1/16W	R1342	0700042	CF 1.2K OHM +-5% 1/16W
R1027	0700061	CF 33K OHM +-5% 1/16W	R1343	0700042	CF 1.2K OHM +-5% 1/16W
R1028	0700054	CF 10K OHM +-5% 1/16W	R1344	0700042	CF 1.2K OHM +-5% 1/16W
R1029	0700061	CF 33K OHM +-5% 1/16W	R1346	0114135	CF 150 OHM +-5% 1/4W
R1030	0700054	CF 10K OHM +-5% 1/16W	R1347	0700054	CF 10K OHM +-5% 1/16W
R1031	0700061	CF 33K OHM +-5% 1/16W	R1348	0700067	CF 100K OHM +-5% 1/16W
R1032	0700047	CF 3.3K OHM +-5% 1/16W	R1349	0700063	CF 47K OHM +-5% 1/16W
R1033	0700047	CF 3.3K OHM +-5% 1/16W	⚠R1350	0119514	FR 10 OHM +-5% 1/4W
R1035	0700063	CF 47K OHM +-5% 1/16W	R1351	0700041	CF 1K OHM +-5% 1/16W
R1036	0700047	CF 3.3K OHM +-5% 1/16W	R1360	0700027	CF 100 OHM +-5% 1/16W
R1037	0700064	CF 56K OHM +-5% 1/16W	R1361	0700027	CF 100 OHM +-5% 1/16W
R1038	0700041	CF 1K OHM +-5% 1/16W	R1362	0700027	CF 100 OHM +-5% 1/16W
R1039	0700041	CF 1K OHM +-5% 1/16W	R1363	0700027	CF 100 OHM +-5% 1/16W
R1042	0700037	CF 560 OHM +-5% 1/16W	R1364	0700027	CF 100 OHM +-5% 1/16W
R1051	0700054	CF 10K OHM +-5% 1/16W	R201	0700014	CF 10 OHM +-5% 1/16W
R1301	0100038	CF 75 OHM +-5% 1/8W	R202	0700051	CF 5.6K OHM +-5% 1/16W
R1302	0100041	CF 100 OHM +-5% 1/8W	R203	0700045	CF 2.2K OHM +-5% 1/16W
R1303	0100105	CF 47K OHM +-5% 1/8W	R204	0114135	CF 150 OHM +-5% 1/4W
R1304	0100065	CF 1K OHM +-5% 1/8W	R205	0700014	CF 10 OHM +-5% 1/16W
R1305	0100105	CF 47K OHM +-5% 1/8W	R206	0700027	CF 100 OHM +-5% 1/16W
R1306	0100065	CF 1K OHM +-5% 1/8W	R207	0700037	CF 560 OHM +-5% 1/16W
R1307	0100113	CF 100K OHM +-5% 1/8W	R208	0114143	CF 330 OHM +-5% 1/4W
R1308	0187038	CF 75 OHM +-5% 1/16W	R209	0114149	CF 560 OHM +-5% 1/4W
R1309	0100041	CF 100 OHM +-5% 1/8W	R213	0700014	CF 10 OHM +-5% 1/16W
R1310	0100111	CF 82K OHM +-5% 1/8W	R214	0700045	CF 2.2K OHM +-5% 1/16W
R1312	0100065	CF 1K OHM +-5% 1/8W	R215	0700051	CF 5.6K OHM +-5% 1/16W
R1313	0100065	CF 1K OHM +-5% 1/8W	R217	0700037	CF 560 OHM +-5% 1/16W
R1314	0100111	CF 82K OHM +-5% 1/8W	R218	0700014	CF 10 OHM +-5% 1/16W
R1316	0100065	CF 1K OHM +-5% 1/8W	R219	0700041	CF 1K OHM +-5% 1/16W
R1317	0100065	CF 1K OHM +-5% 1/8W	R220	0150158	VR 30K OHM-B RV-6
R1318	0100045	CF 150 OHM +-5% 1/8W	R221	0700044	CF 1.8K OHM +-5% 1/16W
R1319	0100113	CF 100K OHM +-5% 1/8W	R222	0700045	CF 2.2K OHM +-5% 1/16W
R1320	0100038	CF 75 OHM +-5% 1/8W	R223	0700054	CF 10K OHM +-5% 1/16W
R1321	0700041	CF 1K OHM +-5% 1/16W	R224	0700032	CF 220 OHM +-5% 1/16W
R1322	0100041	CF 100 OHM +-5% 1/8W	R225	0700041	CF 1K OHM +-5% 1/16W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R226	0700027	CF 100 OHM +-5% 1/16W	R3052	0700029	CF 150 OHM +-5% 1/16W
R227	0100051	CF 270 OHM +-5% 1/8W	R3053	0700063	CF 47K OHM +-5% 1/16W
R228	0700033	CF 270 OHM +-5% 1/16W	R3054	0100067	CF 1.2K OHM +-5% 1/8W
R229	0700031	CF 180 OHM +-5% 1/16W	R3055	0700034	CF 330 OHM +-5% 1/16W
R230	0700032	CF 220 OHM +-5% 1/16W	R3056	0700029	CF 150 OHM +-5% 1/16W
R231	0700032	CF 220 OHM +-5% 1/16W	R3057	0700043	CF 1.5K OHM +-5% 1/16W
R232	0150134	VR 1K OHM-B	R3059	0114135	CF 150 OHM +-5% 1/4W
R233	0700041	CF 1K OHM +-5% 1/16W	R3062	0700027	CF 100 OHM +-5% 1/16W
R234	0700063	CF 47K OHM +-5% 1/16W	R3065	0700029	CF 150 OHM +-5% 1/16W
R235	0700045	CF 2.2K OHM +-5% 1/16W	R3066	0700035	CF 390 OHM +-5% 1/16W
R236	0700037	CF 560 OHM +-5% 1/16W	R3067	0700037	CF 560 OHM +-5% 1/16W
R237	0700027	CF 100 OHM +-5% 1/16W	R3068	0700037	CF 560 OHM +-5% 1/16W
R242	0700029	CF 150 OHM +-5% 1/16W	R3069	0700043	CF 1.5K OHM +-5% 1/16W
R245	0700027	CF 100 OHM +-5% 1/16W	R3070	0100055	CF 390 OHM +-5% 1/8W
R246	0700064	CF 56K OHM +-5% 1/16W	R3071	0700054	CF 10K OHM +-5% 1/16W
R247	0700051	CF 5.6K OHM +-5% 1/16W	R3072	0700054	CF 10K OHM +-5% 1/16W
R3001	0700054	CF 10K OHM +-5% 1/16W	R3082	0700046	CF 2.7K OHM +-5% 1/16W
R3002	0700043	CF 1.5K OHM +-5% 1/16W	R3083	0700051	CF 5.6K OHM +-5% 1/16W
R3003	0700054	CF 10K OHM +-5% 1/16W	R3084	0700054	CF 10K OHM +-5% 1/16W
R3004	0700054	CF 10K OHM +-5% 1/16W	R3085	0700058	CF 22K OHM +-5% 1/16W
R3005	0700065	CF 68K OHM +-5% 1/16W	R3086	0700041	CF 1K OHM +-5% 1/16W
R3006	0700066	CF 82K OHM +-5% 1/16W	R3087	0700041	CF 1K OHM +-5% 1/16W
R3007	0700062	CF 39K OHM +-5% 1/16W	R3088	0700067	CF 100K OHM +-5% 1/16W
R3008	0700067	CF 100K OHM +-5% 1/16W	R3090	0700054	CF 10K OHM +-5% 1/16W
R3009	0700054	CF 10K OHM +-5% 1/16W	R3091	0700051	CF 5.6K OHM +-5% 1/16W
R3010	0700058	CF 22K OHM +-5% 1/16W	R3092	0700054	CF 10K OHM +-5% 1/16W
R3011	0700058	CF 22K OHM +-5% 1/16W	R3093	0700058	CF 22K OHM +-5% 1/16W
R3012	0700054	CF 10K OHM +-5% 1/16W	R3094	0700027	CF 100 OHM +-5% 1/16W
R3014	0700051	CF 5.6K OHM +-5% 1/16W	R3095	0100055	CF 390 OHM +-5% 1/8W
R3015	0700049	CF 4.7K OHM +-5% 1/16W	R3096	0110213	MF 47 OHM +-5% 2W
R3016	0700066	CF 82K OHM +-5% 1/16W	R3101	0700041	CF 1K OHM +-5% 1/16W
R3017	0700054	CF 10K OHM +-5% 1/16W	R3501	0100041	CF 100 OHM +-5% 1/8W
R3019	0700061	CF 33K OHM +-5% 1/16W	R3502	0100041	CF 100 OHM +-5% 1/8W
R3020	0700029	CF 150 OHM +-5% 1/16W	R3503	0100041	CF 100 OHM +-5% 1/8W
R3021	0700051	CF 5.6K OHM +-5% 1/16W	R3504	0100041	CF 100 OHM +-5% 1/8W
R3022	0700041	CF 1K OHM +-5% 1/16W	R3505	0100041	CF 100 OHM +-5% 1/8W
R3023	0700052	CF 6.8K OHM +-5% 1/16W	R3506	0100041	CF 100 OHM +-5% 1/8W
R3027	0700049	CF 4.7K OHM +-5% 1/16W	R3507	0100065	CF 1K OHM +-5% 1/8W
R3029	0700054	CF 10K OHM +-5% 1/16W	R3508	0700052	CF 6.8K OHM +-5% 1/16W
R3032	0700054	CF 10K OHM +-5% 1/16W	R3509	0700063	CF 47K OHM +-5% 1/16W
R3033	0700058	CF 22K OHM +-5% 1/16W	R351	0700027	CF 100 OHM +-5% 1/16W
R3036	0700047	CF 3.3K OHM +-5% 1/16W	R351	0700054	CF 10K OHM +-5% 1/16W
R3037	0700047	CF 3.3K OHM +-5% 1/16W	R3510	0700027	CF 100 OHM +-5% 1/16W
R3038	0700058	CF 22K OHM +-5% 1/16W	R3511	0700027	CF 100 OHM +-5% 1/16W
R3042	0700058	CF 22K OHM +-5% 1/16W	R3512	0700027	CF 100 OHM +-5% 1/16W
R3043	0700058	CF 22K OHM +-5% 1/16W	R3513	0700051	CF 5.6K OHM +-5% 1/16W
R3044	0179536	MG 1M OHM +-5% 1/8W	R3514	0700057	CF 18K OHM +-5% 1/16W
R3047	0700034	CF 330 OHM +-5% 1/16W	R3515	0700045	CF 2.2K OHM +-5% 1/16W
R3048	0700043	CF 1.5K OHM +-5% 1/16W	R3516	0700045	CF 2.2K OHM +-5% 1/16W
R3049	0700041	CF 1K OHM +-5% 1/16W	R3517	0700041	CF 1K OHM +-5% 1/16W
R3050	0700039	CF 820 OHM +-5% 1/16W	R3518	0700027	CF 100 OHM +-5% 1/16W
R3051	0700037	CF 560 OHM +-5% 1/16W	R3519	0700027	CF 100 OHM +-5% 1/16W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R352	0700027	CF 100 OHM +-5% 1/16W	R3680	0700034	CF 330 OHM +-5% 1/16W
R352	0700041	CF 1K OHM +-5% 1/16W	R3690	0700034	CF 330 OHM +-5% 1/16W
R3520	0700027	CF 100 OHM +-5% 1/16W	R3700	0700034	CF 330 OHM +-5% 1/16W
R3521	0700027	CF 100 OHM +-5% 1/16W	R3701	0700067	CF 100K OHM +-5% 1/16W
R3522	0700027	CF 100 OHM +-5% 1/16W	R3702	0700059	CF 27K OHM +-5% 1/16W
R3523	0700027	CF 100 OHM +-5% 1/16W	R3703	0700041	CF 1K OHM +-5% 1/16W
R3526	0700027	CF 100 OHM +-5% 1/16W	R3704	0700035	CF 390 OHM +-5% 1/16W
R3527	0700027	CF 100 OHM +-5% 1/16W	R3706	0700036	CF 470 OHM +-5% 1/16W
R353	0700051	CF 5.6K OHM +-5% 1/16W	R3707	0700059	CF 27K OHM +-5% 1/16W
R354	0700027	CF 100 OHM +-5% 1/16W	R3708	0700067	CF 100K OHM +-5% 1/16W
R3544	0700027	CF 100 OHM +-5% 1/16W	R3709	0700033	CF 270 OHM +-5% 1/16W
R3545	0700027	CF 100 OHM +-5% 1/16W	R371	0700038	CF 680 OHM +-5% 1/16W
R3546	0700027	CF 100 OHM +-5% 1/16W	R3710	0150305	VR 10K OHM B
R3547	0700027	CF 100 OHM +-5% 1/16W	R3710	0700033	CF 270 OHM +-5% 1/16W
R3548	0150134	VR 1K OHM-B	R3711	0700042	CF 1.2K OHM +-5% 1/16W
R3549	0700063	CF 47K OHM +-5% 1/16W	R3712	0700045	CF 2.2K OHM +-5% 1/16W
R355	0700027	CF 100 OHM +-5% 1/16W	R3713	0700058	CF 22K OHM +-5% 1/16W
R3550	0700054	CF 10K OHM +-5% 1/16W	R3716	0113742	CF 470 OHM +-5% 1/2W
R3551	0700041	CF 1K OHM +-5% 1/16W	R3717	0700046	CF 2.7K OHM +-5% 1/16W
R3552	0150134	VR 1K OHM-B	R3719	0700024	CF 56 OHM +-5% 1/16W
R3553	0700063	CF 47K OHM +-5% 1/16W	R372	0700038	CF 680 OHM +-5% 1/16W
R3554	0700054	CF 10K OHM +-5% 1/16W	R3720	0100065	CF 1K OHM +-5% 1/8W
R3555	0700041	CF 1K OHM +-5% 1/16W	R3720	0700029	CF 150 OHM +-5% 1/16W
R3556	0150134	VR 1K OHM-B	R3721	0113701	CF 10 OHM +-5% 1/2W
R3557	0700063	CF 47K OHM +-5% 1/16W	R3722	0100039	CF 82 OHM +-5% 1/8W
R3558	0700054	CF 10K OHM +-5% 1/16W	R3723	0100039	CF 82 OHM +-5% 1/8W
R3559	0700041	CF 1K OHM +-5% 1/16W	R3724	0114165	CF 1.5K OHM +-5% 1/4W
R356	0700037	CF 560 OHM +-5% 1/16W	R3725	0100069	CF 1.5K OHM +-5% 1/8W
R3560	0700027	CF 100 OHM +-5% 1/16W	R3726	0114143	CF 330 OHM +-5% 1/4W
R3562	0700027	CF 100 OHM +-5% 1/16W	R3727	0114221	CF 68K OHM +-5% 1/4W
R3563	0700027	CF 100 OHM +-5% 1/16W	R3728	0114221	CF 68K OHM +-5% 1/4W
R3565	0700027	CF 100 OHM +-5% 1/16W	R3729	0100053	CF 330 OHM +-5% 1/8W
R3566	0700027	CF 100 OHM +-5% 1/16W	R373	0700038	CF 680 OHM +-5% 1/16W
R3568	0700027	CF 100 OHM +-5% 1/16W	R3730	0100091	CF 12K OHM +-5% 1/8W
R3569	0700027	CF 100 OHM +-5% 1/16W	R3730	0700029	CF 150 OHM +-5% 1/16W
R357	0700037	CF 560 OHM +-5% 1/16W	R3731	0113716	CF 43 OHM +-5% 1/2W
R3571	0700027	CF 100 OHM +-5% 1/16W	R3732	0113716	CF 43 OHM +-5% 1/2W
R3572	0700027	CF 100 OHM +-5% 1/16W	R3733	0113686	CF 2.7 OHM +-5% 1/2W
R358	0700037	CF 560 OHM +-5% 1/16W	R3734	0113686	CF 2.7 OHM +-5% 1/2W
R3581	0700035	CF 390 OHM +-5% 1/16W	R3735	0110229	MF 220 OHM +-5% 2W
R3582	0700035	CF 390 OHM +-5% 1/16W	R3736	0110139	MF 560 OHM +-5% 1W
R359	0700031	CF 180 OHM +-5% 1/16W	R3737	0110132	MF 300 OHM +-5% 1W
R360	0700021	CF 33 OHM +-5% 1/16W	R3738	0700041	CF 1K OHM +-5% 1/16W
R361	0700021	CF 33 OHM +-5% 1/16W	R3739	0700061	CF 33K OHM +-5% 1/16W
R362	0700021	CF 33 OHM +-5% 1/16W	R3740	0700027	CF 100 OHM +-5% 1/16W
R364	0700067	CF 100K OHM +-5% 1/16W	R3740	0700061	CF 33K OHM +-5% 1/16W
R365	0700062	CF 39K OHM +-5% 1/16W	R3741	0700036	CF 470 OHM +-5% 1/16W
R3650	0700043	CF 1.5K OHM +-5% 1/16W	R3742	0700067	CF 100K OHM +-5% 1/16W
R366	0700027	CF 100 OHM +-5% 1/16W	R3743	0700055	CF 12K OHM +-5% 1/16W
R3660	0700063	CF 47K OHM +-5% 1/16W	R3744	0700042	CF 1.2K OHM +-5% 1/16W
R367	0100065	CF 1K OHM +-5% 1/8W	R3745	0700067	CF 100K OHM +-5% 1/16W
R3670	0700058	CF 22K OHM +-5% 1/16W	R3750	0700029	CF 150 OHM +-5% 1/16W

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SYMBOL NO.	PART NO.	DESCRIPTION
R3760	0700059	CF 27K OHM +-5% 1/16W
R3770	0700065	CF 68K OHM +-5% 1/16W
R3780	0114147	CF 470 OHM +-5% 1/4W
R3781	0110197	MF 10 OHM +-5% 2W
R3790	0100041	CF 100 OHM +-5% 1/8W
R3800	0100041	CF 100 OHM +-5% 1/8W
R3810	0100041	CF 100 OHM +-5% 1/8W
R3820	0100041	CF 100 OHM +-5% 1/8W
R401	0700027	CF 100 OHM +-5% 1/16W
R402	0150136	VR 5K OHM-B
R403	0700059	CF 27K OHM +-5% 1/16W
R404	0700047	CF 3.3K OHM +-5% 1/16W
R405	0700064	CF 56K OHM +-5% 1/16W
R406	0700064	CF 56K OHM +-5% 1/16W
R407	0700027	CF 100 OHM +-5% 1/16W
R408	0100057	CF 470 OHM +-5% 1/8W
R415	0700051	CF 5.6K OHM +-5% 1/16W
R416	0700054	CF 10K OHM +-5% 1/16W
R417	0700051	CF 5.6K OHM +-5% 1/16W
R418	0700054	CF 10K OHM +-5% 1/16W
R421	0700053	CF 8.2K OHM +-5% 1/16W
R422	0700051	CF 5.6K OHM +-5% 1/16W
R423	0700051	CF 5.6K OHM +-5% 1/16W
R424	0700054	CF 10K OHM +-5% 1/16W
R425	0700051	CF 5.6K OHM +-5% 1/16W
R4501	0700027	CF 100 OHM +-5% 1/16W
R4502	0700027	CF 100 OHM +-5% 1/16W
R4503	0700027	CF 100 OHM +-5% 1/16W
R4504	0700027	CF 100 OHM +-5% 1/16W
R4505	0100127	CF 390K OHM +-5% 1/8W
⚠R4508	01195051	FR 2.2 OHM +-5% 1/4W
⚠R4509	01195051	FR 2.2 OHM +-5% 1/4W
R4510	0700047	CF 3.3K OHM +-5% 1/16W
R4511	0700047	CF 3.3K OHM +-5% 1/16W
R4514	0100049	CF 220 OHM +-5% 1/8W
R4515	0700067	CF 100K OHM +-5% 1/16W
R4516	0700056	CF 15K OHM +-5% 1/16W
R4518	0700067	CF 100K OHM +-5% 1/16W
R4519	0700024	CF 56 OHM +-5% 1/16W
R4521	0700042	CF 1.2K OHM +-5% 1/16W
R4522	0700042	CF 1.2K OHM +-5% 1/16W
R4523	0700058	CF 22K OHM +-5% 1/16W
R4524	0700048	CF 3.9K OHM +-5% 1/16W
R4525	0700048	CF 3.9K OHM +-5% 1/16W
R4526	0700046	CF 2.7K OHM +-5% 1/16W
R4527	0700046	CF 2.7K OHM +-5% 1/16W
R4528	0700059	CF 27K OHM +-5% 1/16W
R4529	0700059	CF 27K OHM +-5% 1/16W
R4530	0700056	CF 15K OHM +-5% 1/16W
R4531	0700056	CF 15K OHM +-5% 1/16W
R4532	0700044	CF 1.8K OHM +-5% 1/16W
R4533	0700044	CF 1.8K OHM +-5% 1/16W
R4534	0700044	CF 1.8K OHM +-5% 1/16W
R4535	0700044	CF 1.8K OHM +-5% 1/16W
R4536	0700034	CF 330 OHM +-5% 1/16W
R4537	0700034	CF 330 OHM +-5% 1/16W
R4538	0700063	CF 47K OHM +-5% 1/16W
R4539	0700063	CF 47K OHM +-5% 1/16W
R4540	0700041	CF 1K OHM +-5% 1/16W
R4541	0700041	CF 1K OHM +-5% 1/16W
R4542	0700041	CF 1K OHM +-5% 1/16W
R4543	0700041	CF 1K OHM +-5% 1/16W
R4544	0700035	CF 390 OHM +-5% 1/16W
R4545	0700035	CF 390 OHM +-5% 1/16W
R4546	0700038	CF 680 OHM +-5% 1/16W
R4547	0700038	CF 680 OHM +-5% 1/16W
R4548	0100115	CF 120K OHM +-5% 1/8W
R4549	0100115	CF 120K OHM +-5% 1/8W
R4550	0700049	CF 4.7K OHM +-5% 1/16W
R4551	0700049	CF 4.7K OHM +-5% 1/16W
R4552	0700061	CF 33K OHM +-5% 1/16W
R4553	0700061	CF 33K OHM +-5% 1/16W
R4554	0700061	CF 33K OHM +-5% 1/16W
R4555	0700061	CF 33K OHM +-5% 1/16W
R4556	0700045	CF 2.2K OHM +-5% 1/16W
R4557	0700045	CF 2.2K OHM +-5% 1/16W
R4558	0700054	CF 10K OHM +-5% 1/16W
R4559	0700054	CF 10K OHM +-5% 1/16W
R4560	0148024	WW 1 OHM +-10% 2W
R4562	0700037	CF 560 OHM +-5% 1/16W
R4563	0100065	CF 1K OHM +-5% 1/8W
R4564	0700036	CF 470 OHM +-5% 1/16W
⚠R4569	0119514	FR 10 OHM +-5% 1/4W
R4570	0110215	MF 56 OHM +-5% 2W
R4571	0114177	CF 4.7K OHM +-5% 1/4W
R4572	0700041	CF 1K OHM +-5% 1/16W
R4573	0700041	CF 1K OHM +-5% 1/16W
R481	0700027	CF 100 OHM +-5% 1/16W
R482	0700027	CF 100 OHM +-5% 1/16W
R483	0700027	CF 100 OHM +-5% 1/16W
R484	0114147	CF 470 OHM +-5% 1/4W
R485	0700058	CF 22K OHM +-5% 1/16W
R488	0700036	CF 470 OHM +-5% 1/16W
R489	0700036	CF 470 OHM +-5% 1/16W
R5001	0100049	CF 220 OHM +-5% 1/8W
R5002	0100049	CF 220 OHM +-5% 1/8W
R5003	0100049	CF 220 OHM +-5% 1/8W
R501	0700035	CF 390 OHM +-5% 1/16W
R5012	0700057	CF 18K OHM +-5% 1/16W
R5013	0700049	CF 4.7K OHM +-5% 1/16W
R5014	0700041	CF 1K OHM +-5% 1/16W
R5015	0700054	CF 10K OHM +-5% 1/16W
R5016	0700053	CF 8.2K OHM +-5% 1/16W
R5017	0700027	CF 100 OHM +-5% 1/16W

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SYMBOL NO.	PART NO.	DESCRIPTION
R5018	0700027	CF 100 OHM +-5% 1/16W
R5019	0700027	CF 100 OHM +-5% 1/16W
R502	0700035	CF 390 OHM +-5% 1/16W
R5020	0700054	CF 10K OHM +-5% 1/16W
R5021	0700054	CF 10K OHM +-5% 1/16W
R5022	0700059	CF 27K OHM +-5% 1/16W
R5023	0700058	CF 22K OHM +-5% 1/16W
R5024	0700057	CF 18K OHM +-5% 1/16W
R5025	0700054	CF 10K OHM +-5% 1/16W
R5026	0700054	CF 10K OHM +-5% 1/16W
R5027	0700064	CF 56K OHM +-5% 1/16W
R5028	0700064	CF 56K OHM +-5% 1/16W
R5029	0100129	CF 470K OHM +-5% 1/8W
R503	0700041	CF 1K OHM +-5% 1/16W
R5030	0700055	CF 12K OHM +-5% 1/16W
R5031	0700052	CF 6.8K OHM +-5% 1/16W
R5032	0700041	CF 1K OHM +-5% 1/16W
R5033	0700058	CF 22K OHM +-5% 1/16W
R5034	0700058	CF 22K OHM +-5% 1/16W
R5035	0700027	CF 100 OHM +-5% 1/16W
R5036	0700041	CF 1K OHM +-5% 1/16W
R504	0700027	CF 100 OHM +-5% 1/16W
R5041	0700054	CF 10K OHM +-5% 1/16W
R5055	0700041	CF 1K OHM +-5% 1/16W
R5056	0700063	CF 47K OHM +-5% 1/16W
R5057	0700066	CF 82K OHM +-5% 1/16W
R5058	0700047	CF 3.3K OHM +-5% 1/16W
R506	0700039	CF 820 OHM +-5% 1/16W
R5060	0700063	CF 47K OHM +-5% 1/16W
R5062	0700027	CF 100 OHM +-5% 1/16W
R5063	0700027	CF 100 OHM +-5% 1/16W
R5064	0700027	CF 100 OHM +-5% 1/16W
R507	0187062	CF 750 OHM +-5% 1/16W
R508	0700039	CF 820 OHM +-5% 1/16W
R509	0700027	CF 100 OHM +-5% 1/16W
R510	0700035	CF 390 OHM +-5% 1/16W
R511	0700054	CF 10K OHM +-5% 1/16W
R512	0700027	CF 100 OHM +-5% 1/16W
R513	0700039	CF 820 OHM +-5% 1/16W
R514	0700041	CF 1K OHM +-5% 1/16W
R515	0700041	CF 1K OHM +-5% 1/16W
R516	0700042	CF 1.2K OHM +-5% 1/16W
R523	0700034	CF 330 OHM +-5% 1/16W
R524	0700034	CF 330 OHM +-5% 1/16W
R525	0700027	CF 100 OHM +-5% 1/16W
R526	0700033	CF 270 OHM +-5% 1/16W
R527	0700032	CF 220 OHM +-5% 1/16W
R528	0700037	CF 560 OHM +-5% 1/16W
R529	0700027	CF 100 OHM +-5% 1/16W
R530	0700056	CF 15K OHM +-5% 1/16W
R531	0700055	CF 12K OHM +-5% 1/16W
R532	0700041	CF 1K OHM +-5% 1/16W
R533	0700053	CF 8.2K OHM +-5% 1/16W
R534	0700057	CF 18K OHM +-5% 1/16W
R535	0700041	CF 1K OHM +-5% 1/16W
R538	0700027	CF 100 OHM +-5% 1/16W
R539	0700038	CF 680 OHM +-5% 1/16W
R540	0700051	CF 5.6K OHM +-5% 1/16W
R541	0700038	CF 680 OHM +-5% 1/16W
R542	0700041	CF 1K OHM +-5% 1/16W
R543	0700066	CF 82K OHM +-5% 1/16W
R545	0700061	CF 33K OHM +-5% 1/16W
R546	0700066	CF 82K OHM +-5% 1/16W
R547	0700054	CF 10K OHM +-5% 1/16W
R550	0700041	CF 1K OHM +-5% 1/16W
R5501	0700027	CF 100 OHM +-5% 1/16W
R5502	0700041	CF 1K OHM +-5% 1/16W
R5503	0700041	CF 1K OHM +-5% 1/16W
R5506	0100041	CF 100 OHM +-5% 1/8W
R5508	0700066	CF 82K OHM +-5% 1/16W
R5509	0700058	CF 22K OHM +-5% 1/16W
R551	0700062	CF 39K OHM +-5% 1/16W
R5510	0700027	CF 100 OHM +-5% 1/16W
R5512	0700024	CF 56 OHM +-5% 1/16W
R5513	0700053	CF 8.2K OHM +-5% 1/16W
R5514	0700039	CF 820 OHM +-5% 1/16W
R5515	0700037	CF 560 OHM +-5% 1/16W
R5516	0700037	CF 560 OHM +-5% 1/16W
R5517	0700054	CF 10K OHM +-5% 1/16W
R5518	0700041	CF 1K OHM +-5% 1/16W
R5519	0700027	CF 100 OHM +-5% 1/16W
R552	0700054	CF 10K OHM +-5% 1/16W
R5520	0150283	VR 1K OHM-B
R5520	0700041	CF 1K OHM +-5% 1/16W
R5521	0700039	CF 820 OHM +-5% 1/16W
R5521	0700041	CF 1K OHM +-5% 1/16W
R5522	0700038	CF 680 OHM +-5% 1/16W
R5522	0700041	CF 1K OHM +-5% 1/16W
R5523	0700038	CF 680 OHM +-5% 1/16W
R5523	0700054	CF 10K OHM +-5% 1/16W
R5524	0700027	CF 100 OHM +-5% 1/16W
R5526	0700045	CF 2.2K OHM +-5% 1/16W
R5528	0700041	CF 1K OHM +-5% 1/16W
R5529	0700056	CF 15K OHM +-5% 1/16W
R553	0700027	CF 100 OHM +-5% 1/16W
R5530	0700027	CF 100 OHM +-5% 1/16W
R5530	0700054	CF 10K OHM +-5% 1/16W
R5531	0700038	CF 680 OHM +-5% 1/16W
R5531	0700045	CF 2.2K OHM +-5% 1/16W
R5534	0700041	CF 1K OHM +-5% 1/16W
R5536	0150286	VR 5K OHM B
R5536	0700054	CF 10K OHM +-5% 1/16W
R5537	0700048	CF 3.9K OHM +-5% 1/16W
R5538	0700027	CF 100 OHM +-5% 1/16W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R5539	0700027	CF 100 OHM +-5% 1/16W	R625	0700041	CF 1K OHM +-5% 1/16W
R554	0700027	CF 100 OHM +-5% 1/16W	R626	0700041	CF 1K OHM +-5% 1/16W
R5540	0700041	CF 1K OHM +-5% 1/16W	R627	0700027	CF 100 OHM +-5% 1/16W
R5541	0700041	CF 1K OHM +-5% 1/16W	R630	0700054	CF 10K OHM +-5% 1/16W
R5543	0700027	CF 100 OHM +-5% 1/16W	R631	0700058	CF 22K OHM +-5% 1/16W
R5544	0700027	CF 100 OHM +-5% 1/16W	R632	0119722	MF 1 OHM +-5% 1W
R5550	0700061	CF 33K OHM +-5% 1/16W	R651	0700049	CF 4.7K OHM +-5% 1/16W
R5551	0700054	CF 10K OHM +-5% 1/16W	R652	0700054	CF 10K OHM +-5% 1/16W
R5552	0700054	CF 10K OHM +-5% 1/16W	R653	0700041	CF 1K OHM +-5% 1/16W
R5553	0700062	CF 39K OHM +-5% 1/16W	R654	0700065	CF 68K OHM +-5% 1/16W
R5555	0700054	CF 10K OHM +-5% 1/16W	R655	0700041	CF 1K OHM +-5% 1/16W
R5556	0700054	CF 10K OHM +-5% 1/16W	R656	0150286	VR 5K OHM B
R5560	0700058	CF 22K OHM +-5% 1/16W	R657	0150284	VR 2K OHM-B
R5570	0700027	CF 100 OHM +-5% 1/16W	R658	0700066	CF 82K OHM +-5% 1/16W
R5572	0700061	CF 33K OHM +-5% 1/16W	R659	0100079	CF 3.9K OHM +-5% 1/8W
R558	0700041	CF 1K OHM +-5% 1/16W	R660	0700054	CF 10K OHM +-5% 1/16W
R559	0700059	CF 27K OHM +-5% 1/16W	R662	0700059	CF 27K OHM +-5% 1/16W
R560	0700033	CF 270 OHM +-5% 1/16W	R665	0100081	CF 4.7K OHM +-5% 1/8W
R561	0700064	CF 56K OHM +-5% 1/16W	R695	0113754	CF 1.5K OHM +-5% 1/2W
R6001	0700067	CF 100K OHM +-5% 1/16W	R7001	0700067	CF 100K OHM +-5% 1/16W
R6002	0700063	CF 47K OHM +-5% 1/16W	R7002	0700063	CF 47K OHM +-5% 1/16W
R6003	0700058	CF 22K OHM +-5% 1/16W	R7003	0700058	CF 22K OHM +-5% 1/16W
R601	0700041	CF 1K OHM +-5% 1/16W	R7004	0700041	CF 1K OHM +-5% 1/16W
R6011	0700067	CF 100K OHM +-5% 1/16W	R701	0114131	CF 100 OHM +-5% 1/4W
R6012	0700063	CF 47K OHM +-5% 1/16W	R702	0700041	CF 1K OHM +-5% 1/16W
R6013	0179561	MG 2.2M OHM +-5% 1/8W	R714	0700042	CF 1.2K OHM +-5% 1/16W
R6014	0700041	CF 1K OHM +-5% 1/16W	R715	0100117	CF 150K OHM +-5% 1/8W
R6015	0700062	CF 39K OHM +-5% 1/16W	R716	0100119	CF 180K OHM +-5% 1/8W
R6016	0700061	CF 33K OHM +-5% 1/16W	R7201	0147825	WW 5.6 OHM +-10% 16W
R602	0700046	CF 2.7K OHM +-5% 1/16W	R7202	0700043	CF 1.5K OHM +-5% 1/16W
R603	0100117	CF 150K OHM +-5% 1/8W	R7203	0100105	CF 47K OHM +-5% 1/8W
R604	0700044	CF 1.8K OHM +-5% 1/16W	R7204	0700067	CF 100K OHM +-5% 1/16W
R605	0700052	CF 6.8K OHM +-5% 1/16W	R7205	0700054	CF 10K OHM +-5% 1/16W
R606	0700057	CF 18K OHM +-5% 1/16W	R7211	0110285	MF 47K OHM +-5% 2W
R607	0100121	CF 220K OHM +-5% 1/8W	R7212	0100065	CF 1K OHM +-5% 1/8W
R608	0700061	CF 33K OHM +-5% 1/16W	R722	0700042	CF 1.2K OHM +-5% 1/16W
R609	0700062	CF 39K OHM +-5% 1/16W	R7221	0110159	MF 3.9K OHM +-5% 1W
R610	0700037	CF 560 OHM +-5% 1/16W	R724	0700033	CF 270 OHM +-5% 1/16W
R612	0100041	CF 100 OHM +-5% 1/8W	R725	0700043	CF 1.5K OHM +-5% 1/16W
R613	0700063	CF 47K OHM +-5% 1/16W	R726	0150113	VR 5K OHM-B RS-6
R614	0700059	CF 27K OHM +-5% 1/16W	⚠R732	0145051S	WW 2.7K OHM +-5% 7W
R615	0150116	VR 50K OHM-B	R734	0113770	CF 6.8K OHM +-5% 1/2W
R616	0700046	CF 2.7K OHM +-5% 1/16W	R735	0119688	MF 0.22 OHM +-5% 1W
R617	0700053	CF 8.2K OHM +-5% 1/16W	R736	0700026	CF 82 OHM +-5% 1/16W
R618	0700058	CF 22K OHM +-5% 1/16W	R737	0114145	CF 390 OHM +-5% 1/4W
R619	0700041	CF 1K OHM +-5% 1/16W	R738	0100101	CF 33K OHM +-5% 1/8W
R620	0113735	CF 270 OHM +-5% 1/2W	R739	0700051	CF 5.6K OHM +-5% 1/16W
R6201	0700048	CF 3.9K OHM +-5% 1/16W	R740	0700055	CF 12K OHM +-5% 1/16W
R621	0700057	CF 18K OHM +-5% 1/16W	R741	0113795	CF 68K OHM +-5% 1/2W
R622	0113686	CF 2.7 OHM +-5% 1/2W	R742	0114175	CF 3.9K OHM +-5% 1/4W
R623	0113686	CF 2.7 OHM +-5% 1/2W	R746	0700044	CF 1.8K OHM +-5% 1/16W
R624	0700062	CF 39K OHM +-5% 1/16W	⚠R749	0114213	CF 33K OHM +-5% 1/4W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
⚠R750	0100097	CF 22K OHM +-5% 1/8W	R888	0100041	CF 100 OHM +-5% 1/8W
R751	0700048	CF 3.9K OHM +-5% 1/16W	R889	0100077	CF 3.3K OHM +-5% 1/8W
R752	0700041	CF 1K OHM +-5% 1/16W	R890	0100077	CF 3.3K OHM +-5% 1/8W
R756	0700067	CF 100K OHM +-5% 1/16W	R891	0100077	CF 3.3K OHM +-5% 1/8W
R757	0700051	CF 5.6K OHM +-5% 1/16W	R892	0100033	CF 47 OHM +-5% 1/8W
R759	0700043	CF 1.5K OHM +-5% 1/16W	R896	0100099	CF 27K OHM +-5% 1/8W
R762	0700027	CF 100 OHM +-5% 1/16W	R897	0100099	CF 27K OHM +-5% 1/8W
R763	0100053	CF 330 OHM +-5% 1/8W	R898	0100049	CF 220 OHM +-5% 1/8W
R764	0700034	CF 330 OHM +-5% 1/16W	R899	0100093	CF 15K OHM +-5% 1/8W
R768	0113731	CF 180 OHM +-5% 1/2W	R9001	0113729	CF 150 OHM +-5% 1/2W
⚠R772	0110243	MF 820 OHM +-5% 2W	R901	0140967M	MF 4700K OHM +-5% 1/2W
R7901	0113735	CF 270 OHM +-5% 1/2W	R902	0147815	WW 2.2 OHM +-10% 15W
⚠R7911	0110208	MF 30 OHM +-5% 2W	R903	0113791	CF 47K OHM +-5% 1/2W
⚠R7912	0110208	MF 30 OHM +-5% 2W	R904	0110161	MF 4.7K OHM +-5% 1W
R7956	0119838	FR 0.5 OHM +-5% 1/4W	R905	0100077	CF 3.3K OHM +-5% 1/8W
R7991	0700051	CF 5.6K OHM +-5% 1/16W	R906	0110199S	MF 12 OHM +-5% 2W
R7992	0700039	CF 820 OHM +-5% 1/16W	R907	0148044	WW 0.15 OHM +-10% 3W
R7994	0118961M	MF 100K OHM +-1% 1/4W	R907A	0119722	MF 1 OHM +-5% 1W
R7995	0100089	CF 10K OHM +-5% 1/8W	R908	0700041	CF 1K OHM +-5% 1/16W
R7997	0700045	CF 2.2K OHM +-5% 1/16W	R910	0119690	MF 0.27 OHM +-5% 1W
R833	0113815	CF 470K OHM +-5% 1/2W	R911	0700027	CF 100 OHM +-5% 1/16W
R851A	0110255	MF 2.7K OHM +-5% 2W	R913	0114047	CF 18 OHM +-5% 1/4W
R851B	0110255	MF 2.7K OHM +-5% 2W	R914	0700067	CF 100K OHM +-5% 1/16W
R852A	0110255	MF 2.7K OHM +-5% 2W	R916	0100065	CF 1K OHM +-5% 1/8W
R852B	0110255	MF 2.7K OHM +-5% 2W	R917	0113791	CF 47K OHM +-5% 1/2W
R853A	0110255	MF 2.7K OHM +-5% 2W	R918	0114061	CF 68 OHM +-5% 1/4W
R853B	0110255	MF 2.7K OHM +-5% 2W	R919	0100077	CF 3.3K OHM +-5% 1/8W
R854	0113744	CF 560 OHM +-5% 1/2W	R920	0110217	MF 68 OHM +-5% 2W
R855	0113744	CF 560 OHM +-5% 1/2W	R951	0110103	MF 18 OHM +-5% 1W
R856	0113744	CF 560 OHM +-5% 1/2W	R952	0114213	CF 33K OHM +-5% 1/4W
R857	0100035	CF 56 OHM +-5% 1/8W	R953	0700049	CF 4.7K OHM +-5% 1/16W
R858	0100035	CF 56 OHM +-5% 1/8W	R954	0113795	CF 68K OHM +-5% 1/2W
R859	0100035	CF 56 OHM +-5% 1/8W	R955	0113793	CF 56K OHM +-5% 1/2W
⚠R860	0150109	VR 200 OHM-B RS-6	R956	0700047	CF 3.3K OHM +-5% 1/16W
R861	0100027	CF 27 OHM +-5% 1/8W	R957	0110229	MF 220 OHM +-5% 2W
R863	0100033	CF 47 OHM +-5% 1/8W	R958	0700054	CF 10K OHM +-5% 1/16W
R864	0150109	VR 200 OHM-B RS-6	R959	0700052	CF 6.8K OHM +-5% 1/16W
R865	0100027	CF 27 OHM +-5% 1/8W	R960	0700054	CF 10K OHM +-5% 1/16W
R866	0150112	VR 2K OHM-B	R961	0700052	CF 6.8K OHM +-5% 1/16W
R867	0100057	CF 470 OHM +-5% 1/8W	R962	0700054	CF 10K OHM +-5% 1/16W
⚠R868	0150112	VR 2K OHM-B	R966	0700064	CF 56K OHM +-5% 1/16W
R869	0100057	CF 470 OHM +-5% 1/8W	R969	0100077	CF 3.3K OHM +-5% 1/8W
⚠R870	0150112	VR 2K OHM-B	R970	0100041	CF 100 OHM +-5% 1/8W
R871	0100057	CF 470 OHM +-5% 1/8W	R971	0700049	CF 4.7K OHM +-5% 1/16W
R874	0700054	CF 10K OHM +-5% 1/16W	R972	0113783	CF 22K OHM +-5% 1/2W
R875	0100049	CF 220 OHM +-5% 1/8W	R973	0700054	CF 10K OHM +-5% 1/16W
R876	0100049	CF 220 OHM +-5% 1/8W	R974	0700027	CF 100 OHM +-5% 1/16W
R877	0100049	CF 220 OHM +-5% 1/8W	R980	0700052	CF 6.8K OHM +-5% 1/16W
R878	0100063	CF 820 OHM +-5% 1/8W	R981	0700051	CF 5.6K OHM +-5% 1/16W
R879	0100063	CF 820 OHM +-5% 1/8W	R982	0700027	CF 100 OHM +-5% 1/16W
R880	0100063	CF 820 OHM +-5% 1/8W	⚠R998	0174704G	MF 10M OHM +-5% 1W
R886	0100051	CF 270 OHM +-5% 1/8W	RC3720	0100041	CF 100 OHM +-5% 1/8W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
RC5505	0700066	CF 82K OHM +-5% 1/16W	Q201	2320144M	TR 2SC1906
RK112	0700027	CF 100 OHM +-5% 1/16W	Q202	2320144M	TR 2SC1906
RK152	0700023	CF 47 OHM +-5% 1/16W	Q203	2326872	TR DTC114ES SI
RK232	0700064	CF 56K OHM +-5% 1/16W	Q204	2326872	TR DTC114ES SI
RK421	0100041	CF 100 OHM +-5% 1/8W	Q205	2326873	TR DTC144ES
RK499	0700054	CF 10K OHM +-5% 1/16W	Q206	2327773	TR 2SC3413 (C)/(D)
VR951	0150152	VR 1K OHM-B RV-6	Q207	2325702	TR 2SA854S Q/R
⚠IC0001	CP00921	IC M37204MC-852SP	Q3001	2327753	TR 2SA1390 (C)/(D)
IC0002	2007831	IC M6M80041P	Q3002	2327772	TR 2SC3413 (B)/(C)
IC0003	2003522	IC PST572D-2	Q3003	2326875	TR DTC144WSTP
IC1001	CP00593	IC M37470M8-240SP	Q3004	2326875	TR DTC144WSTP
IC1002	2009401R	IC PST529C	Q3006	2326875	TR DTC144WSTP
⚠IC1301	2003811	IC M52472P (LINEAR)	Q3007	2327772	TR 2SC3413 (B)/(C)
⚠IC201	2004171	IC LA7577	Q3008	2327753	TR 2SA1390 (C)/(D)
⚠IC202	2004693	IC MM1113XS	Q3010	2327772	TR 2SC3413 (B)/(C)
IC3501	2003811	IC M52472P (LINEAR)	Q3013	2327772	TR 2SC3413 (B)/(C)
IC3503	2008741	IC TEA5114A	Q3014	2327753	TR 2SA1390 (C)/(D)
⚠IC351	2004441	IC CF72306	Q3018	2327772	TR 2SC3413 (B)/(C)
⚠IC352	2020521	IC CF70200	Q3019	2327772	TR 2SC3413 (B)/(C)
IC353	2003522	IC PST572D-2	Q3501	2327772	TR 2SC3413 (B)/(C)
⚠IC401	2020561	IC LA7975	Q3503	2327772	TR 2SC3413 (B)/(C)
⚠IC4501	2004901	IC TA8776N	Q3504	2327772	TR 2SC3413 (B)/(C)
⚠IC4502	2916321	IC LA4280	Q3505	2327772	TR 2SC3413 (B)/(C)
⚠IC5001	2020324	IC YAT016H	Q3506	2327773	TR 2SC3413 (C)/(D)
⚠IC5002	2008721	IC M62358P	Q3507	2327773	TR 2SC3413 (C)/(D)
⚠IC501	2383341	IC LVA522S-2	Q3508	2327773	TR 2SC3413 (C)/(D)
⚠IC502	2383341	IC LVA522S-2	Q351	2327773	TR 2SC3413 (C)/(D)
⚠IC503	2003221	IC LVA521S-2 (LINEAR)	Q3510	2327773	TR 2SC3413 (C)/(D)
⚠IC5501	2020662	IC LA7640N	Q3511	2327773	TR 2SC3413 (C)/(D)
IC5503	2003221	IC LVA521S-2 (LINEAR)	Q3520	2320635	TR 2SA673D SI 80MHZ 400MW
⚠IC601	2003541	IC LA7838 (LINEAR)	Q3530	2320635	TR 2SA673D SI 80MHZ 400MW
⚠IC651	2380651	IC AN5551	Q3540	2324611	TR 2SD882 Q/P
⚠IC7911	2020505	IC AN7809F	Q3702	2327772	TR 2SC3413 (B)/(C)
IC9001	2003421	IC UPC7805AHF	Q3703	2327772	TR 2SC3413 (B)/(C)
⚠IC901	2373382	IC STR-S6709	Q3704	2327772	TR 2SC3413 (B)/(C)
⚠IC902	CZ00052	IC TLP633 (GB)	Q3705	2327772	TR 2SC3413 (B)/(C)
Q0001	2312995	PHOTO TRANSISTOR RPT-38PT3F (L/M)	Q3706	2327772	TR 2SC3413 (B)/(C)
Q0001	2327773	TR 2SC3413 (C)/(D)	Q3707	2327783	TR 2SC3553 C/D
Q0002	2325702	TR 2SA854S Q/R	Q3708	2321351	TR 2SA836/844 D/E SI 200MHZ 300MW
Q0002	2327753	TR 2SA1390 (C)/(D)	Q3709	2315381	TR 2SA1837
Q0003	2327772	TR 2SC3413 (B)/(C)	Q3710	2315391	TR 2SC4793
Q0005	2327772	TR 2SC3413 (B)/(C)	Q3711	2327774M	TR 2SC3413D
Q0006	2327772	TR 2SC3413 (B)/(C)	Q401	2327773	TR 2SC3413 (C)/(D)
Q0007	2327772	TR 2SC3413 (B)/(C)	Q402	2326873	TR DTC144ES
Q0008	2327772	TR 2SC3413 (B)/(C)	Q403	2326873	TR DTC144ES
Q0009	2327772	TR 2SC3413 (B)/(C)	Q404	2326873	TR DTC144ES
Q001	2327772	TR 2SC3413 (B)/(C)	Q405	2326873	TR DTC144ES
Q1001	2327773	TR 2SC3413 (C)/(D)	Q406	2326873	TR DTC144ES
Q1002	2327773	TR 2SC3413 (C)/(D)	Q407	2326873	TR DTC144ES
Q1003	2327773	TR 2SC3413 (C)/(D)	Q4501	2327772	TR 2SC3413 (B)/(C)
Q1301	2327772	TR 2SC3413 (B)/(C)	Q4502	2327772	TR 2SC3413 (B)/(C)
Q1302	2327772	TR 2SC3413 (B)/(C)	Q4503	2327772	TR 2SC3413 (B)/(C)

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
Q4504	2327772	TR 2SC3413 (B)/(C)	Q7901	2324611	TR 2SD882 Q/P
Q4505	2327772	TR 2SC3413 (B)/(C)	⚠Q7991	2323782	TR 03P2M
Q4506	2327772	TR 2SC3413 (B)/(C)	⚠Q851	2312371	TR 2SC3942
Q4507	2327772	TR 2SC3413 (B)/(C)	Q852	2320663	TR 2SC1213AC SI 80MHZ 400MW
Q4508	2327772	TR 2SC3413 (B)/(C)	Q853	2327753	TR 2SA1390 (C)/(D)
Q4509	2325702	TR 2SA854S Q/R	⚠Q854	2312371	TR 2SC3942
Q4510	2327772	TR 2SC3413 (B)/(C)	⚠Q855	2320663	TR 2SC1213AC SI 80MHZ 400MW
Q4511	2321351	TR 2SA836/844 D/E SI 200MHZ 300MW	Q856	2327753	TR 2SA1390 (C)/(D)
Q481	2323432	TR 2SC1983R/O/Y SI	⚠Q857	2312371	TR 2SC3942
Q5001	2327772	TR 2SC3413 (B)/(C)	Q858	2320663	TR 2SC1213AC SI 80MHZ 400MW
Q5004	2326875	TR DTC144WSTP	Q859	2327753	TR 2SA1390 (C)/(D)
Q5005	2326875	TR DTC144WSTP	Q9001	2312171	TR 2SC3852
Q5006	2326875	TR DTC144WSTP	Q901	2312174	TR 2SD2375 (P)
Q501	2327772	TR 2SC3413 (B)/(C)	Q951	CF00114R	TR 2SC4490-AN (Q,R,T)
Q502	2327753	TR 2SA1390 (C)/(D)	Q952	2315933	TR 2SB1548A-P/Q (HCPS) (YOKOHAMA)
Q503	2327772	TR 2SC3413 (B)/(C)	Q953	CF00114R	TR 2SC4490-AN (Q,R,T)
Q504	2327772	TR 2SC3413 (B)/(C)	Q954	2315933	TR 2SB1548A-P/Q (HCPS) (YOKOHAMA)
Q505	2327772	TR 2SC3413 (B)/(C)	Q955	2320643	TR 2SC1213C SI 80MHZ 400MW
Q506	2327772	TR 2SC3413 (B)/(C)	Q956	2320643	TR 2SC1213C SI 80MHZ 400MW
Q507	2327753	TR 2SA1390 (C)/(D)	Q957	2320643	TR 2SC1213C SI 80MHZ 400MW
Q510	2327772	TR 2SC3413 (B)/(C)	Q958	2315933	TR 2SB1548A-P/Q (HCPS) (YOKOHAMA)
Q511	2327772	TR 2SC3413 (B)/(C)	Q959	2320637	TR 2SA673C/D SI 80MHZ 400MW
Q512	2327772	TR 2SC3413 (B)/(C)	Q961	2327753	TR 2SA1390 (C)/(D)
Q513	2326873	TR DTC144ES	D0001	23394821	DI AS01 (400V)
Q514	2327772	TR 2SC3413 (B)/(C)	D0001	2339692	LED SLH-56MC77F
Q515	2327772	TR 2SC3413 (B)/(C)	D0002	2339691	LED SLH-56VC77F
Q516	2327772	TR 2SC3413 (B)/(C)	D0003	23383211	DI 1SS270
Q517	2326875	TR DTC144WSTP	D0004	23383211	DI 1SS270
Q518	2326873	TR DTC144ES	D0005	23383211	DI 1SS270
Q5501	2327773	TR 2SC3413 (C)/(D)	D0006	23383211	DI 1SS270
Q5504	2327753	TR 2SA1390 (C)/(D)	D0007	23383211	DI 1SS270
Q5505	2327772	TR 2SC3413 (B)/(C)	D0014	23383211	DI 1SS270
Q5505	2327773	TR 2SC3413 (C)/(D)	D0018	23383211	DI 1SS270
Q5506	2327772	TR 2SC3413 (B)/(C)	D0019	23383211	DI 1SS270
Q5507	2327773	TR 2SC3413 (C)/(D)	D0020	2343561	LED SPR-54MVW
Q5508	2327773	TR 2SC3413 (C)/(D)	D0022	23383211	DI 1SS270
Q5510	2327773	TR 2SC3413 (C)/(D)	D1001	23383211	DI 1SS270
Q6001	2327772	TR 2SC3413 (B)/(C)	D1002	23383211	DI 1SS270
Q601	2325702	TR 2SA854S Q/R	D201	23383211	DI 1SS270
Q6011	2327772	TR 2SC3413 (B)/(C)	D202	23383211	DI 1SS270
Q6012	2327772	TR 2SC3413 (B)/(C)	D203	23383211	DI 1SS270
Q602	2327772	TR 2SC3413 (B)/(C)	D204	23383211	DI 1SS270
Q603	2327772	TR 2SC3413 (B)/(C)	D205	23383211	DI 1SS270
Q604	2321112	TR 2SA778A	D206	23383211	DI 1SS270
Q651	2312171	TR 2SC3852	D207	23383211	DI 1SS270
Q7001	2327772	TR 2SC3413 (B)/(C)	D208	23383211	DI 1SS270
⚠Q708	2315274F	TR 2SC4589-05	D3001	23383211	DI 1SS270
Q709	2326216	TR 2SC3116 S/T	D3003	23383211	DI 1SS270
Q711	2327772	TR 2SC3413 (B)/(C)	D3004	23383211	DI 1SS270
Q712	2327772	TR 2SC3413 (B)/(C)	D3005	23383211	DI 1SS270
⚠Q7201	2321112	TR 2SA778A	D3006	23383211	DI 1SS270
Q7211	2320663	TR 2SC1213AC SI 80MHZ 400MW	D3007	23383211	DI 1SS270

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SYMBOL NO.	PART NO.	DESCRIPTION
D3010	23383211	DI 1SS270
D3011	23383211	DI 1SS270
D3012	23383211	DI 1SS270
D351	23383211	DI 1SS270
D3701	23394911	DI AM01Z
D3702	23394911	DI AM01Z
D3703	23394911	DI AM01Z
D3704	23394911	DI AM01Z
D3705	23383211	DI 1SS270
D3706	23383211	DI 1SS270
D401	23383211	DI 1SS270
D402	23383211	DI 1SS270
D403	23383211	DI 1SS270
D404	23383211	DI 1SS270
D405	23383211	DI 1SS270
D4501	23383211	DI 1SS270
D4502	23383211	DI 1SS270
D4503	23383211	DI 1SS270
D4504	23394811	DI AS01Z
D4505	23383211	DI 1SS270
D5001	23383211	DI 1SS270
D5002	23383211	DI 1SS270
D5003	23383211	DI 1SS270
D5004	23383211	DI 1SS270
D5005	23383211	DI 1SS270
D5006	23383211	DI 1SS270
D5007	23383211	DI 1SS270
D502	23383211	DI 1SS270
D503	23383211	DI 1SS270
D504	23383211	DI 1SS270
D505	23383211	DI 1SS270
D506	23383211	DI 1SS270
D507	23383211	DI 1SS270
D5501	23383211	DI 1SS270
D5501	23383211	DI 1SS270
D5502	23383211	DI 1SS270
D5502	23383211	DI 1SS270
D5503	23383211	DI 1SS270
D5504	23383211	DI 1SS270
D5505	23383211	DI 1SS270
D6001	23383211	DI 1SS270
D601	23394911	DI AM01Z
D602	23373411	DI 1SS270A
D603	23373411	DI 1SS270A
D604	23383211	DI 1SS270
D652	CH00151M	DI DSM1SD2
D701	2343981	DI ERD07-15
D702	2344071	DI ERC20M-04
D703	23383211	DI 1SS270
D704	23394811	DI AS01Z
D705	2338902	DI DFM1SA4
D706	23394811	DI AS01Z
D707	2338902	DI DFM1SA4
D710	23383211	DI 1SS270
D7201	23394811	DI AS01Z
D7211	23394811	DI AS01Z
D851	2331913	DI 1SS83 SI
D852	2331913	DI 1SS83 SI
D853	2331913	DI 1SS83 SI
D854	2334832	DI EK04
D855	2334832	DI EK04
D901	2338314	DI RBV-406M LF-A
D902	2359361	DI EL1ZV
D903	23394811	DI AS01Z
D904	23394811	DI AS01Z
D906	23394811	DI AS01Z
D907	23394811	DI AS01Z
D908	23394821	DI AS01 (400V)
D951	23389311	DI FMG-G26S
D952	2359361	DI EL1ZV
D953	2349851	DI FMB-G16L
D955	23394811	DI AS01Z
D956	2338944	DI FML-G12S(F)
D957	23394811	DI AS01Z
D958	23394811	DI AS01Z
D959	23383211	DI 1SS270
D961	2331913	DI 1SS83 SI
ZD0001	2331849	ZD HZ-12(C3)
ZD0002	2331849	ZD HZ-12(C3)
ZD001	2339231	ZD HZS30-1L
ZD3001	2339838M	ZD HZS5C2TA
ZD3002	2339868M	ZD HZS9C2
ZD3003	2339842M	ZD HZS6A2
ZD3004	2339868M	ZD HZS9C2
ZD3005	2339868M	ZD HZS9C2
ZD3710	2339022	DI ZENER HZS6B2L
ZD3711	2331849	ZD HZ-12(C3)
ZD4502	2339091M	ZD HZS9C1L TA
ZD4503	2339859M	DI HZS7C3
ZD4504	2339839	ZD HZS5C3
ZD4505	2339839	ZD HZS5C3
ZD481	2339022	DI ZENER HZS6B2L
ZD5001	2339868M	ZD HZS9C2
ZD5002	2339868M	ZD HZS9C2
ZD5003	2339868M	ZD HZS9C2
ZD5004	2339868M	ZD HZS9C2
ZD5005	2339868M	ZD HZS9C2
ZD5006	2339868M	ZD HZS9C2
ZD5501	2331849	ZD HZ-12(C3)
ZD5502	2331849	ZD HZ-12(C3)
ZD5503	2331849	ZD HZ-12(C3)
ZD5504	2331849	ZD HZ-12(C3)
ZD5505	2331829	ZD HZ9 (C3)
⚠ZD705	2339212M	ZD HZS24-2L

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
ZD706	2339889	ZD HZS12C3	CP405	2142604	CERAMIC FILTER 6.5MB
ZD708	2339801	ZD HZS2B1	CP501	2143893	LC FILTER
ZD709	2339151	ZD HZS12C1L	CP502	CW00022	MODULE UGL-337KNT
ZD710	2339862M	ZD HZS9A2	CP503	2142331	CERAMIC TRAP 4.5MHZ
ZD7201	2339889	ZD HZS12C3	MF0001	2168371	CERAMIC OSCILLATOR 6.00MGW
ZD7901	2339042	ZD HZS7A2L	DL501	2165801	DELAY LNE SDL4242
ZD7902	2339042	ZD HZS7A2L	DL5501	2791154	DELAY LINE
ZD7991	2339151	ZD HZS12C1L	L0001	2122956	LA AXIAL COIL 100 MICRO H +-10%
ZD854	2342731M	ZD HZ2 (AT)	L0001	2123461	FERRITE BEADS CORE
ZD855	2339612M	ZD HZS3BLL	L0002	2123461	FERRITE BEADS CORE
ZD857	2339612M	ZD HZS3BLL	L0003	2122956	LA AXIAL COIL 100 MICRO H +-10%
ZD862	2331155	ZD HZ12 (C1/C2/C3)	L0004	2122956	LA AXIAL COIL 100 MICRO H +-10%
ZD863	2331155	ZD HZ12 (C1/C2/C3)	L001	2122253	LA AXIAL COIL 100 MICRO H
ZD864	2331155	ZD HZ12 (C1/C2/C3)	L002	2122253	LA AXIAL COIL 100 MICRO H
ZD9001	2339839	ZD HZS5C3	L003	2120489	FILTER COIL 100 MICRO H +-10%
ZD9002	2331805	ZD HZ6 (B2)	L1001	2122956	LA AXIAL COIL 100 MICRO H +-10%
ZD901	2339053	ZD HZS7B3L	L201	2143601	FILTER COIL
ZD951	2339884M	DI ZENER HZS12B1	L202	2143812	HIGH FREQUENCY COIL
ZD952	23390511	ZD HZS7B1L	L204	2123407M	AXIAL COIL
ZD953	2339022	DI ZENER HZS6B2L	L205	2123097M	AXIAL COIL 3.9MH
ZD954	2339837	ZD HZS-5C1	L208	2123461	FERRITE BEADS CORE
T5501	2143563	BEL FILTER TRANSFORMER	L209	2122253	LA AXIAL COIL 100 MICRO H
T5502	2143341	7PL COIL	L210	2123103M	LAL AXIAL COIL 10 MICRO H
⚠T701	2260291	HOLIZONTAL DRIVE TRANSFORMER	L211	2123099M	LA AXIAL COIL 5.6 MICRO H
⚠T702	2437392	FLYBACK TRANSFORMER	L212	2123103M	LAL AXIAL COIL 10 MICRO H
⚠T901	2275932	SWITCING TRANSFORMER	L3001	2123781	FILTER COIL
⚠F901	2720402	FUSE 3.15A	L3002	2122956	LA AXIAL COIL 100 MICRO H +-10%
CP1001	2574881	IC GP1U781Q	L3003	2123781	FILTER COIL
CP1001	2791754	DSS306-55B101M	L3004	2123781	FILTER COIL
CP1002	2791754	DSS306-55B101M	L3501	2123781	FILTER COIL
CP1003	2791754	DSS306-55B101M	L3502	2122253	LA AXIAL COIL 100 MICRO H
CP1004	2791754	DSS306-55B101M	L3503	2123781	FILTER COIL
CP1101	2791754	DSS306-55B101M	L3504	2123781	FILTER COIL
CP1102	2791754	DSS306-55B101M	L3505	2123781	FILTER COIL
CP1103	2791754	DSS306-55B101M	L351	2123781	FILTER COIL
CP1104	2791754	DSS306-55B101M	L3701	2122943	LA AXIAL COIL 10 MICRO H +-10%
CP1105	2791754	DSS306-55B101M	L3702	2123468	FERRITE BEADS CORE LEAD 0.8
CP1106	2791754	DSS306-55B101M	L3703	2123468	FERRITE BEADS CORE LEAD 0.8
CP1107	2791754	DSS306-55B101M	L3704	2123468	FERRITE BEADS CORE LEAD 0.8
CP1108	2791752R	FILTER COIL	L3711	2123781	FILTER COIL
CP1109	2791752R	FILTER COIL	L401	2145992	HIGH FREQUENCY COIL
CP1110	2791752R	FILTER COIL	L402	2145991	HIGH FREQUENCY COIL
CP1111	2791752R	FILTER COIL	L403	2123106M	AXIAL COIL
CP1112	2791754	DSS306-55B101M	L4503	2123468	FERRITE BEADS CORE LEAD 0.8
CP201	BG00331	SAW FILTER HW3071	L4504	2123468	FERRITE BEADS CORE LEAD 0.8
CP202	2305861	SAW FILTER HW2226	L4505	2123468	FERRITE BEADS CORE LEAD 0.8
CP203	2142241	CERAMIC FILTER 4.5MHZ	L481	2122956	LA AXIAL COIL 100 MICRO H +-10%
CP204	2143473	TRAP COIL	L482	2123781	FILTER COIL
CP205	2167371	CERAMIC TRAP 5.5/5.74MHZ	L485	BJ00021	LC FILTER
CP401	2142601	CERAMIC FILTER 4.5MHZ	L501	2123781	FILTER COIL
CP402	2142602	CERAMIC FILTER	L502	2123781	FILTER COIL
CP403	2142603	CERAMIC FILTER 6.0MB	L503	2122948	LA AXIAL COIL 27 MICRO H +-10%

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
L504	2122931M	LAL AXIAL COIL		4518376	SCREW
L505	2123781	FILTER COIL		4519512	TAPPING SCREW 4X16 MM
L506	2123781	FILTER COIL		4520232	4X16 DT SCREW
L507	2123781	FILTER COIL		4520881	M3X8 SCREW WITH WASHER
L508	2122949	LA AXIAL COIL 33 MICRO H +-10%		4520883	M3X12 SCREW WITH WASHER
L5501	2123781	FILTER COIL		PC00711	CH. BUTTON
L5502	2122945	LA AXIAL COIL 15 MICRO H +-10%		QD01272	BACK COVER ASS'Y
L5503	2122956	LA AXIAL COIL 100 MICRO H +-10%		QD01737	FRAME ASS'Y
L5504	2122956	LA AXIAL COIL 100 MICRO H +-10%	N01	MQ00021	WEDGE
L701	2124183	COIL 500MH	N02	2772982	FERRITE SHEET
L702	2275982	TRANSFORMER	N701	3763752	SK BINDER
L703	2125763R	COIL 270MH	N702	3333923	EARTH SPRING
L704	2122095	FILTER COIL 27 MICRO H	N9001	4520883	M3X12 SCREW WITH WASHER
L710	2122956	LA AXIAL COIL 100 MICRO H +-10%	E008	2905241	ANTENNA ADAPTOR
L7201	2220584	CHOKE COIL TSL0707330K	E102	3731081	PURSE LOCK 10
L851	2123763	RADIAL COIL 100MH	E108	3731081	PURSE LOCK 10
L852	2123763	RADIAL COIL 100MH	⚠E900	2971171	POWER SUPPLY CORD
L853	2123763	RADIAL COIL 100MH	E901	2721351	FUSE HOLDER
L854	2123766R	RADIAL COIL 180MH	E902	2661753	PIN PLUG WITH BASE
L855	2123766R	RADIAL COIL 180MH	E903	2786227	CPT EARTH WIRE
L856	2123766R	RADIAL COIL 180MH	E904	3700971	LEAD CLAMP
L9001	2123781	FILTER COIL	FB351	2774631	FERRITE BEADS CORE
L901	2276072	LINE FILTER	FB903	2123461	FERRITE BEADS CORE
L903	2161152	FILTER COIL	FB904	2123462M	FERRITE BEADS CORE
L904	2161152	FILTER COIL	FB951	2123462M	FERRITE BEADS CORE
L905	2276061	DEGAUSSING COIL	FB952	2123462M	FERRITE BEADS CORE
L951	2123781	FILTER COIL	FB953	2123462M	FERRITE BEADS CORE
L952	2123781	FILTER COIL	FB956	2123462M	FERRITE BEADS CORE
L953	2123781	FILTER COIL	FB957	2123462M	FERRITE BEADS CORE
L954	2123781	FILTER COIL	FB959	2123462M	FERRITE BEADS CORE
L955	2123781	FILTER COIL	FB960	2123462M	FERRITE BEADS CORE
L956	2123781	FILTER COIL	FB961	2771892	FERRITE BEADS CORE 004
L957	2123781	FILTER COIL	FB962	2771892	FERRITE BEADS CORE 004
S0001	FE00044	TACT PUSH SWITCH	FB963	2771892	FERRITE BEADS CORE 004
S0002	2632922	TACTO SWITCH	FB964	2771892	FERRITE BEADS CORE 004
S851	2622571	SLIDE SWITCH	FB999	2123462M	FERRITE BEADS CORE
⚠S901	2634731	PUSH SWITCH (HCPS) (YOKOHAMA)	⚠SP401	GM00071	SPEAKER UNIT
⚠V1	2471562	COLOR PICTURE TUBE A68KSA30X (D)	⚠SP402	GM00071	SPEAKER UNIT
	2661756	1P PLUG PIN WITH BASE	TH901	2341323	TH (HCPS) (YOKOHAMA)
	2902263	4P SUB MINI PLUG PIN	U0001	HL00171	REMOTE CONTROL TRANSMITTER CLE-908
	2959054	5P PLUG	U0002	2428732	TUNER ET-575AC
	3274061	BUTTON HOLDER	U0003	2439021	MULTI IF PACK
	3274122	POWER BUTTON	⚠U001	2428732	TUNER ET-575AC
	3332453	SPRING FOR KNOB	U004	2693911	TERMINAL BOARD
	3727972	HOLDER-AC LINE CORD	⚠U4801	2575651	NICAM UNIT
	3746071	1EC CORD HOLDER	U5500	2375571	CHIP BOARD HC3061
	3822045	DOOR ASS'Y	⚠U701	2444254	DEFLECTION YOKE
	3875771	LATCH	X1001	2792071	CERAMIC OSCILLATOR
	3881852	DAMPER	X351	2940251	CRYSTAL 13.875MHZ
	4159411	3X8 KNURL TAPPING SCREW	X401	2168971	CERAMIC OSCILLATOR CSB503E5
	4159427	3X10 TAPPING SCREW WITH WASHER	X5001	27885911	CRYSTAL
	4319361	M4X12 CE KNURL TAPPING SCREW	X5002	2787572	CRYSTAL

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
X5501	2787572	CRYSTAL			
X701	2786685	CRYSTAL			
SG901	2340039	SPARK GAP			
P1E2	2665271	PLUG WITH BASE (4P)			
P1M	2665272	4P PLUG PIN WITH BASE			
P1P51	2661756	1P PLUG PIN WITH BASE			
P1P51	2661756	1P PLUG PIN WITH BASE			
P1PB	2663135	PLUG PIN WITH BASE (6P)			
P1PB	2663135	PLUG PIN WITH BASE (6P)			
P1PC	2902266	7P SUB MINI PLUG PIN			
P1PC	2902266	7P SUB MINI PLUG PIN			
P1PD1	2665272	4P PLUG PIN WITH BASE			
P1PD2	2665272	4P PLUG PIN WITH BASE			
P1PP0	2902263	4P SUB MINI PLUG PIN			
ANTA	EY00031	PIN CABLE L TYPE (150MM)			
ANTB	EY00031	PIN CABLE L TYPE (150MM)			
E	2953348	CPT SOCKET			
EB	2776541	VM MAGNET			
ECRT	2771461	MAGNET PEACE			
JA1301	2693863	9 PIN TERMINAL			
JA1302	2693851	S TERMINAL JACK			
JA1303	2695291	US PIN JACK			
LK126	2123781	FILTER COIL			
N	4615644	WEDGE			
NZ3709	4520883	M3X12 SCREW WITH WASHER			
NZ3710	4520883	M3X12 SCREW WITH WASHER			